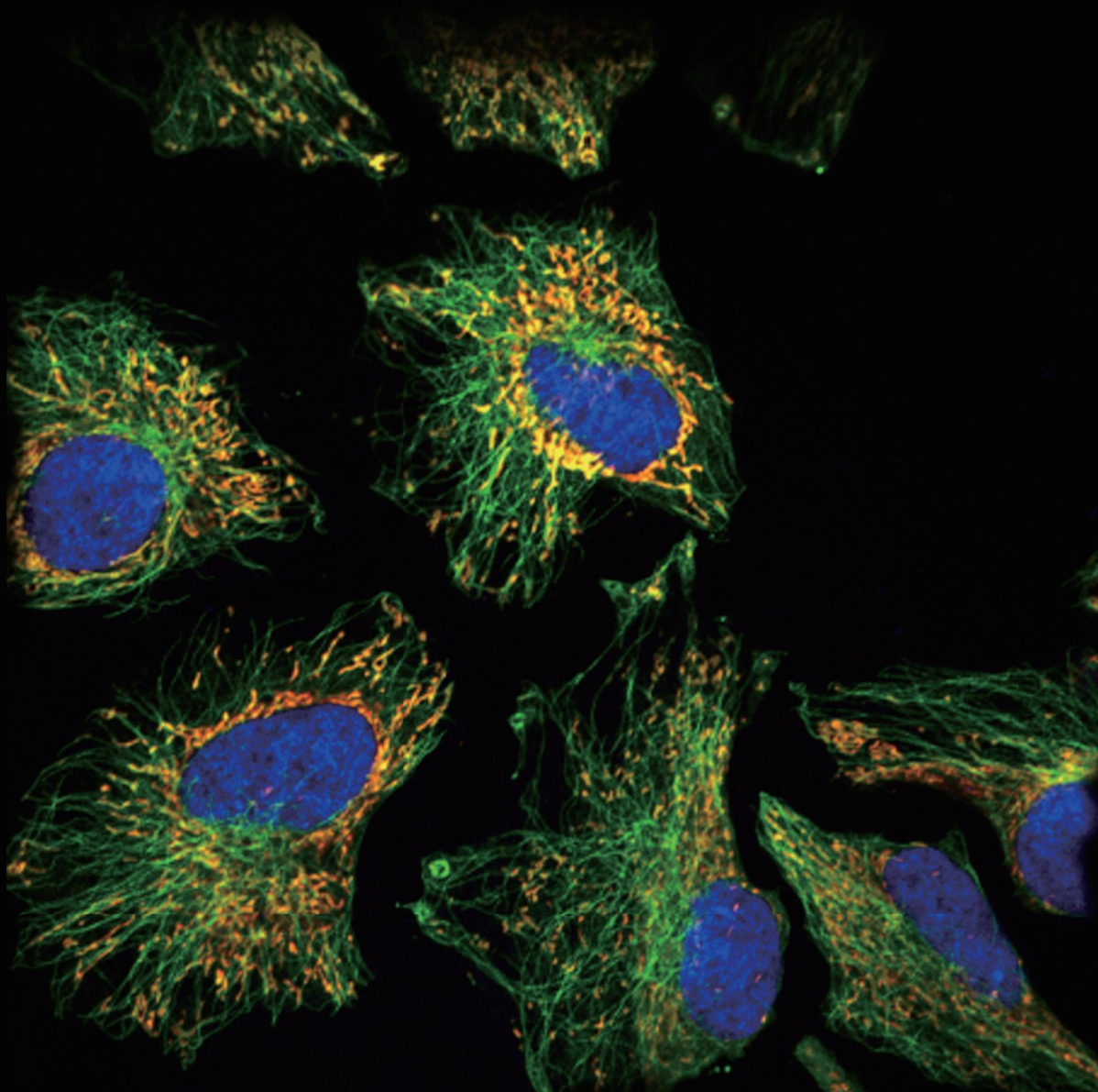




FEATURED RECOMBINANT RABBIT MONOCLONAL ANTIBODY CATALOGUE



www.abclonal.com



info@abclonal.com

Catalogue

Recombinant Rabbit mAb Featured Case Studies

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Recombinant Rabbit mAb Featured Product List

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ABclonal Citations (Partial)

20

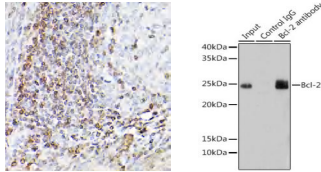
1. Programmed Cell Death

A19693

Citation : 23

Bcl-2 Rabbit mAb

Application: WB,IHC,IP Reactivity: H,M,R



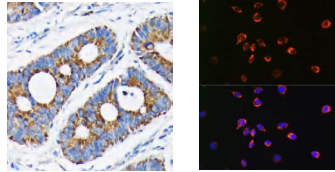
Human tonsil

A19684

Citation : 34

[KO Validated] Bax Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



Human colon carcinoma

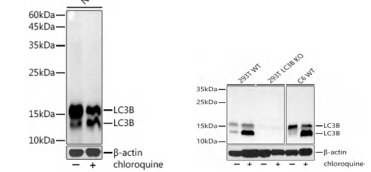
L929 cells

A19665

Citation : 45

[KO Validated] LC3B Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R

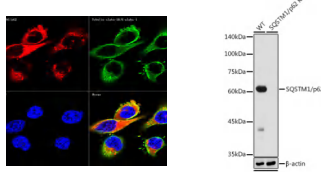


A19700

Citation : 31

[KO Validated] SQSTM1/p62 Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R



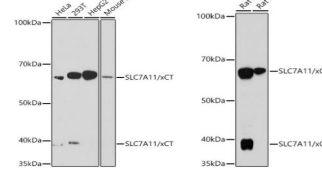
HeLa cells

A2413

Citation : 23

SLC7A11/xCT Rabbit mAb

Application: WB Reactivity: H,M,R

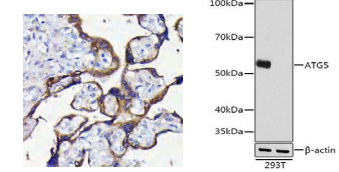


A19677

Citation : 4

[KO Validated] ATG5 Rabbit mAb

Application: WB,IHC,IP Reactivity: H,M,R



Human placenta

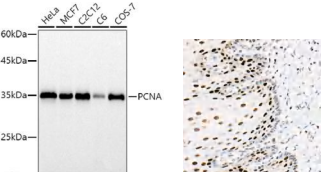
2. Cell Biology

A12427

Citation : 12

PCNA Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R, African green monkey



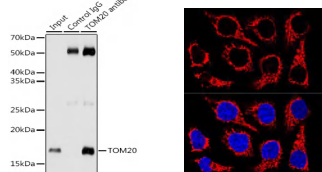
Human esophagus

A19403

Citation : 9

TOM20 Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R



HeLa cells

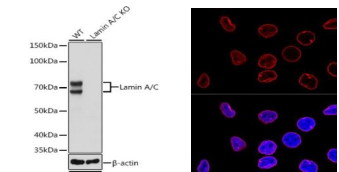
HeLa cells

A19524

Citation : 5

[KO Validated] Lamin A/C Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R



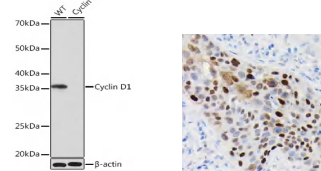
HeLa cells

A19038

Citation : 40

[KO Validated] Cyclin D1 Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R



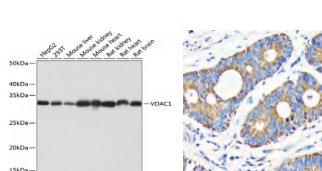
Human esophageal cancer

A19707

Citation : 12

VDAC1 Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



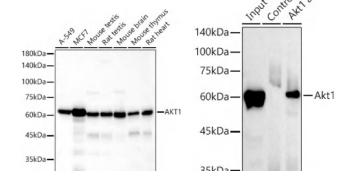
Human colon carcinoma

A17909

Citation : 42

AKT1 Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R



MCF7 cells

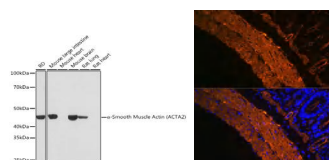
3. Oncology

A17910

Citation : 55

α -Smooth Muscle Actin (ACTA2) Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



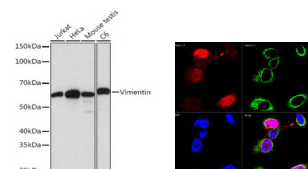
Rat colon

A19607

Citation : 31

[KO Validated] Vimentin Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R



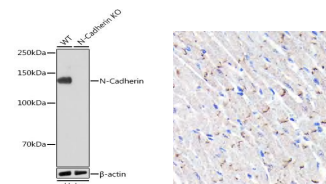
HeLa cells

A19083

Citation : 23

[KO Validated] N-Cadherin Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



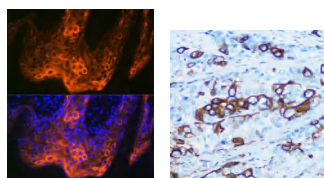
Mouse heart

A11396

Citation : 1

Cytokeratin 5 (KRT5) Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



Human skin

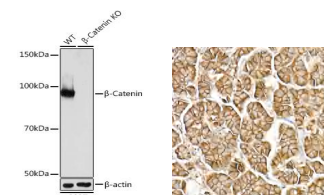
Human esophageal cancer

A19657

Citation : 26

[KO Validated] β -Catenin Rabbit mAb

Application: WB,IHC,IF/ICC,IP Reactivity: H,M,R



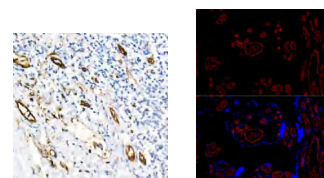
Human pancreas

A4900

Citation : 3

CD31/PECAM1 Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M



Human tonsil

Human placenta

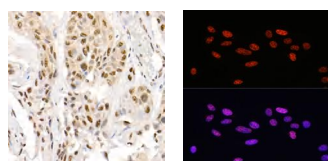
4.Signal Transduction

AP0548

Citation : 25

Phospho-Smad2-S465/467+Smad3-S423/425 Rabbit pAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



Human esophageal cancer

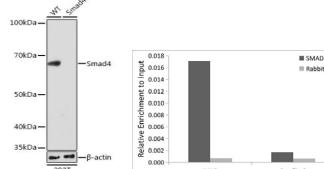
U2OS cells

A19116

Citation : 4

[KO Validated] Smad4 Rabbit mAb

Application: WB,IHC,IP,ChIP,CUT&Tag Reactivity: H,M,R



HepG2 cells

AP0631

Citation : 28

Phospho-JNK1/2/3-T183/T183/T221 Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R

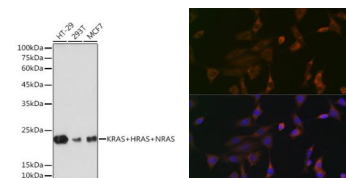


NIH-3T3 cells

A19779

KRAS+HRAS+NRAS Rabbit mAb

Application: WB,IF/ICC,IP Reactivity: H,M,R



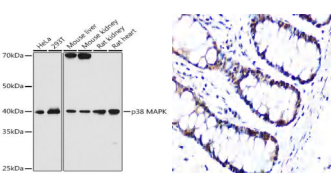
NIH-3T3 cells

A5049

Citation : 1

p38 MAPK Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



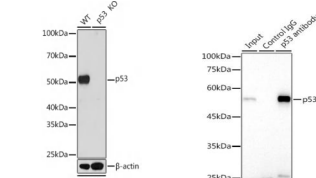
Human colon

A19585

Citation : 6

[KO Validated] p53 Rabbit mAb

Application: WB,IP Reactivity: H,R



293T cells

5. Epigenetics

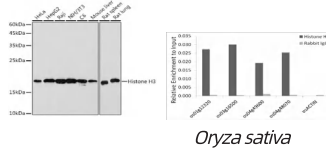
A17562

Citation : 5

Histone H3 Rabbit mAb

Application: ChIP,WB,IHC,IF/ICC

Reactivity: H,M,R,
Oryza sativa,Other
(Wide Range)

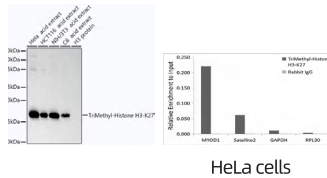


A22006

TriMethyl-Histone H3-K27 Rabbit mAb

Application: ChIP,WB,IF/ICC

Reactivity: H,M,R,Other
(Wide Range)

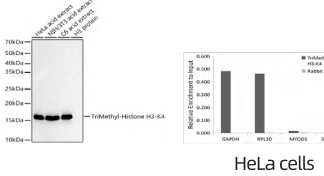


A22225

TriMethyl-Histone H3-K4 Rabbit mAb

Application: ChIP,WB,IHC,IF/ICC
(Wide Range)

Reactivity: H,M,R,Other
(Wide Range)

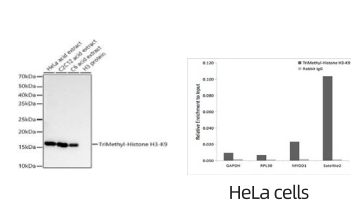


A22295

TriMethyl-Histone H3-K9 Rabbit mAb

Application: ChIP,WB

Reactivity: H,M,R



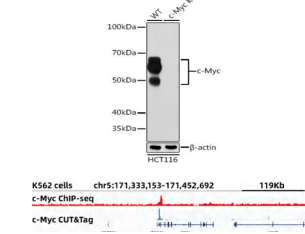
A19032

Citation : 5

[KO Validated] c-Myc Rabbit mAb

Application: CUT&tag,ChIP,WB,IF/ICC

Reactivity: H,M

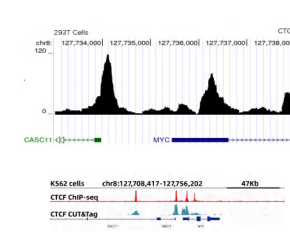


A19588

CTCF Rabbit mAb

Application: CUT&tag,ChIP-seq,ChIP,WB,IF/ICC,IP

Reactivity: H,M,R

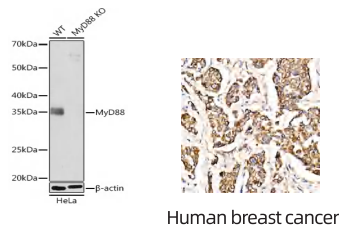


6. Immunology

A19082

[KO Validated] MyD88 Rabbit mAb

Application: WB,IHC Reactivity: H,M,R

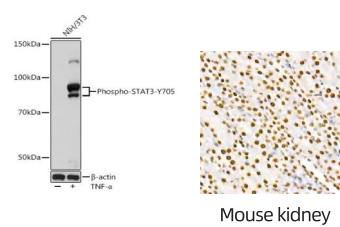


AP0705

Citation : 10

Phospho-STAT3-Y705 Rabbit mAb

Application: WB,IHC,IP Reactivity: H,M,R

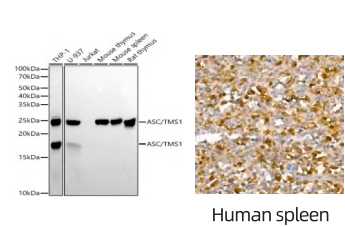


A22046

ASC/TMS1 Rabbit mAb

Application: WB,IHC

Reactivity: H,M,R



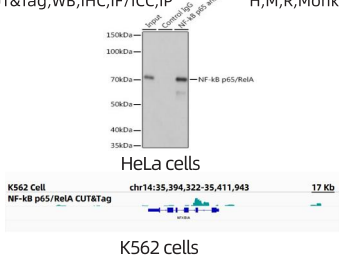
A19653

Citation : 34

[KO Validated] NF- κ B p65/RelA Rabbit mAb

Application: CUT&tag,WB,IHC,IF/ICC,IP

Reactivity: H,M,R,Monkey



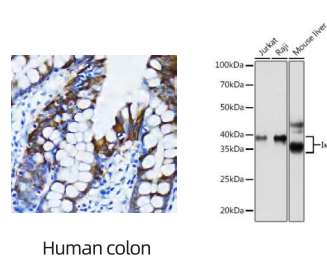
A19714

Citation : 5

I κ B α Rabbit mAb

Application: WB,IHC,IP

Reactivity: H,M,R



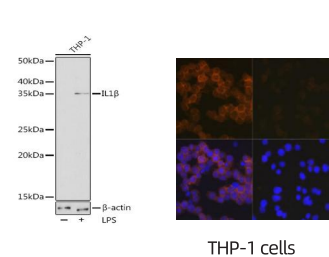
A19635

Citation : 8

IL1 β Rabbit mAb

Application: WB,IF/ICC

Reactivity: H,M



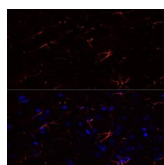
7. Neuroscience

A19058

Citation : 6

GFAP Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



Rat brain



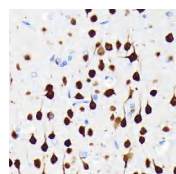
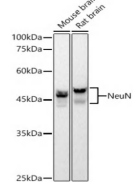
Rat brain

A19086

Citation : 1

NeuN Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



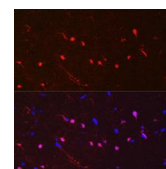
Rat brain

A19108

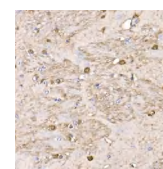
Citation : 1

S100B Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



Mouse brain



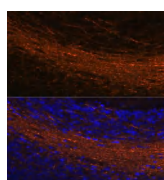
Mouse brain

A19033

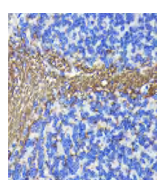
Citation : 1

CNPase Rabbit mAb

Application: WB,IHC,IF/ICC Reactivity: H,M,R



Rat brain

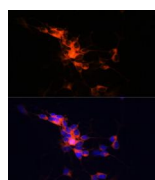


Mouse cerebellum

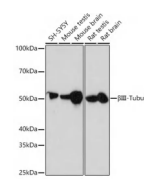
A17913

βIII-Tubulin Rabbit mAb

Application: WB,IF/ICC,IP Reactivity: H,M,R



SH-SY5Y cells

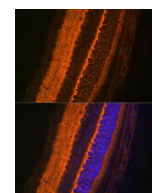


A4235

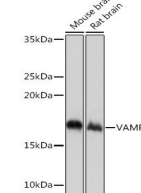
Citation : 1

VAMP2 Rabbit mAb

Application: WB,IF/ICC Reactivity: H,M



Rat eye



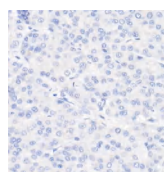
8. Immunohistochemistry

A19040

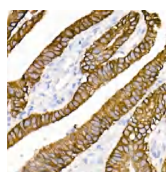
Citation : 3

Cytokeratin 19 (KRT19) Rabbit mAb

Application: IHC,IF/ICC,WB Reactivity: H,M,R



Human hepatocellular carcinoma (negative control)



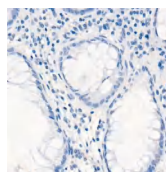
Human colon carcinoma

A19611

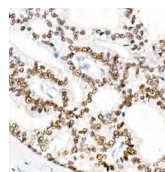
Citation : 1

Androgen Receptor Rabbit mAb

Application: IHC,IF/ICC,IP,WB Reactivity: H,M,R



Human colon (negative control)

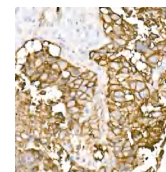


Human prostate cancer

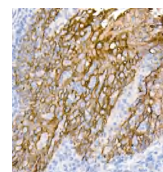
A20824

TROP-2 Rabbit mAb

Application: IHC,IF/ICC,FC,WB Reactivity: H,M,R



Human lung squamous carcinoma

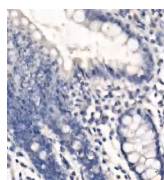


Human tonsil

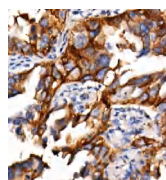
A19135

[KO Validated] PD-L1/CD274 Rabbit mAb

Application: IHC,WB Reactivity: H,M,R



Human Intestinal adenocarcinoma (negative control)



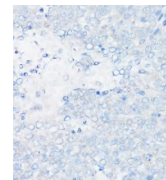
Human lung adenocarcinoma

A19081

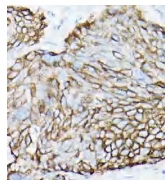
Citation : 1

MUC1 Rabbit mAb

Application: IHC,WB Reactivity: H,M,R



Human liver cancer (negative control)

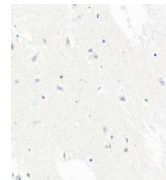


Human cervical squamous cell carcinoma

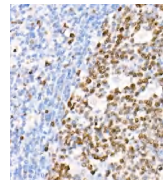
A20018

Ki67 Rabbit mAb

Application: IHC,IF/ICC Reactivity: H,R



Human brain (negative control)



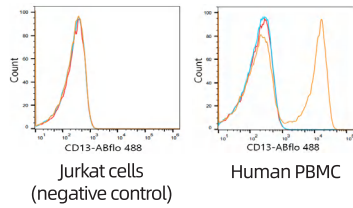
Human tonsil

9. Direct Flow Cytometry

A21944

ABflo® 488 Rabbit anti-Human CD13/ANPEP mAb

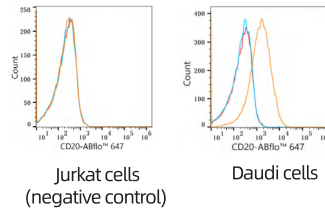
Application: FC Reactivity: H



A22153

ABflo® 647 Rabbit anti-Human CD20 mAb

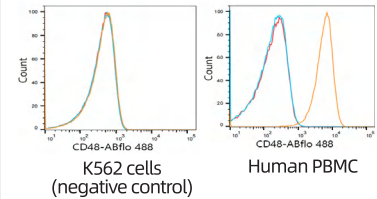
Application: FC Reactivity: H



A21937

ABflo® 488 Rabbit anti-Human CD48 mAb

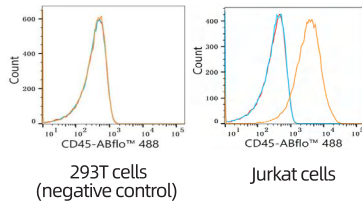
Application: FC Reactivity: H



A22494

ABflo® 488 Rabbit anti-Human CD45 mAb

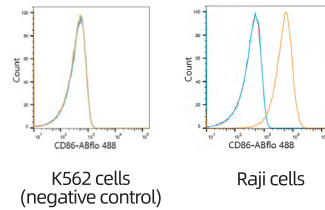
Application: FC Reactivity: H



A21940

ABflo® 488 Rabbit anti-Human CD86 mAb

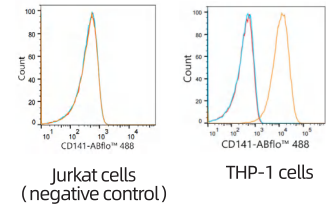
Application: FC Reactivity: H



A22154

ABflo® 488 Rabbit anti-Human CD141/Thrombomodulin mAb

Application: FC Reactivity: H



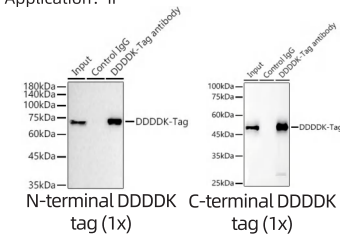
10. Popular Tag & Loading Control Antibodies

AE037

Citation : 1

Magnetic Beads-conjugated Mouse anti DDDDK-Tag mAb

Application: IP

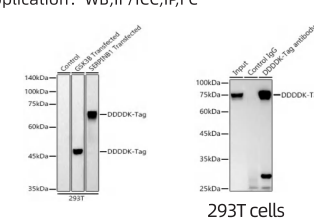


AE092

Citation : 6

DDDDK-Tag Rabbit mAb

Application: WB,IF/ICC,IP,FC

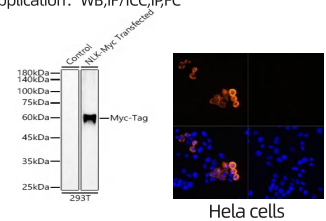


AE070

Citation : 10

Myc-Tag Rabbit mAb

Application: WB,IF/ICC,IP,FC

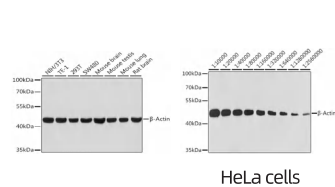


AC026

Citation :1017

β-Actin Rabbit mAb (High Dilution)

Application: WB Reactivity: H,M,R,Chicken, Zebrafish, Pig

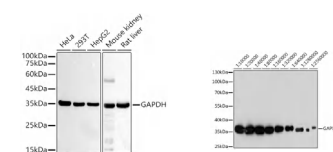


AC033

Citation : 129

GAPDH Mouse mAb (High Dilution)

Application: WB,IHC,IF/ICC Reactivity: H,M,R,

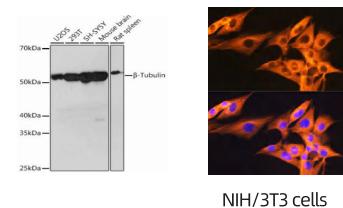


A12289

Citation : 12

β-Tubulin Rabbit mAb

Application: WB,IF/ICC,IP Reactivity: H,M,R



1. Programmed Cell Death

Programmed Cell Death (PCD) is an evolutionarily conserved process in multicellular organisms that is important for morphogenesis during development and for the maintenance of tissue homeostasis in organs with ongoing cell proliferation. There are five major forms of Cell Death that have been discovered and studied in depth, including apoptosis, autophagy, necroptosis, pyroptosis, and ferroptosis.

Apoptosis	A4912	[KO Validated] Cytochrome C Rabbit mAb	WB,IHC	H,M,R
	A19582	[KO Validated] Fas Rabbit mAb	WB,IHC	H,M,R
	A19536	AIF/ICC Rabbit mAb	WB,IHC	H,M,R
	A19595	Bad Rabbit mAb	WB,IHC	H,M,R
	A19693	Bcl-2 Rabbit mAb	WB,IHC,IP	H,M,R
	A19684	Bax Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19654	[KO Validated] active + pro Caspase-3 Rabbit mAb	WB	H,M
	A19552	Caspase-6 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A18676	[KO Validated] Caspase-9 Rabbit mAb	WB,IF/ICC	H,M,R
	A19043	DR5/TRAILR2/TNFRSF10B Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19596	PARP1 Rabbit mAb	WB,IHC	H,M,R
	A3752	PUMA Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A8889	Smac/Diablo Rabbit mAb	WB,IHC,IF/ICC	H,M,R
Autophagy	A19677	[KO Validated] ATG5 Rabbit mAb	WB,IHC,IP	H,M,R
	A21191	[KO Validated] Beclin 1 Rabbit mAb	WB,IF/ICC	H,M,R
	A19665	[KO Validated] LC3B Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19700	[KO Validated] SQSTM1/p62 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19610	ATG12 Rabbit mAb	WB,IHC,IP	H,M,R
	A19594	ATG3 Rabbit mAb	WB,IHC	H,M,R
	A19604	[KO Validated] ATG7 Rabbit mAb	WB,IHC,IP	H,M,R
	A19593	BNIP3 Rabbit mAb	WB,IHC	H,M,R
	A12319	MAP1LC3A Rabbit mAb	WB,IHC,IP	H,M,R
Ferroptosis	A11243	[KD Validated] GPX4 Rabbit mAb	WB,IP	H,M,R
	A2877	ALOX5 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19062	[KO Validated] Heme Oxygenase 1 (HO-1/HMOX1) Rabbit mAb	WB,IHC	H,M,R
	A21216	[KO Validated] YAP1 Rabbit mAb	WB,IHC,IF/ICC,IP,ChIP	H,M,R
	A19627	ACC1 Rabbit mAb	WB,IHC,IP	H,M,R
	A20414	ACSL4 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19020	CD44 Rabbit mAb	WB,IHC,IF/ICC,FC	H,M,R
	A20229	Ceruloplasmin Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4569	Citrate synthetase Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19544	Ferritin Heavy Chain Rabbit mAb	WB,IHC	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

Ferroptosis	A11241	Ferritin Light Chain Rabbit mAb	WB,IHC	H,M,R
	A19586	NQO1 Rabbit mAb	WB,IHC,IP	H,M,R
	A2413	SLC7A11/xCT Rabbit mAb	WB	H,M,R
Pyroptosis	A22046	ASC/TMS1 Rabbit mAb	WB,IHC	H,M,R
	A20728	GSDMD Rabbit mAb	WB,IF/ICC	H,M,R

2. Cell Biology

Cell Biology is the study of the cytoskeleton and function, cell proliferation cycle, cell metabolism, oxidative stress, DNA damage and repair, etc. It focuses on the structure and function of a cell, from the most general properties shared by all cells, to the unique, highly intricate functions particular to specialized cells.

DNA damage & repair	A8751	[KO Validated] CDKN2C/p18-INK4C Rabbit mAb	WB,IF/ICC	H,M,R
	A22177	[KO Validated] MSH2 Rabbit mAb	WB,IHC	H,M,R
	A19650	ATM Rabbit mAb	WB,IHC	H,M,R
	A19543	Chk2 Rabbit mAb	WB,IHC	H
	A5022	DDB1 Rabbit mAb	WB,IHC,IP	H,M,R
	A11223	Ku70 Rabbit mAb	WB,IHC,IF/ICC	H,M
	A8740	MSH2 Rabbit mAb	WB,IHC	H,M,R
	A8795	MSH6 Rabbit mAb	WB,IF/ICC	H,M,R
	AP0687	Phospho-Histone H2AX-S139 Rabbit mAb	WB,IHC	H,M,R
Cell & organelle markers	A19524	[KO Validated] Lamin A/C Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A21194	[KO Validated] LAMP1 Rabbit mAb	WB,IF/ICC,FC	H
	A19565	MEK1 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A12411	AGR2 Rabbit mAb	WB,IF/ICC	H,M,R
	A9776	Cytokeratin 1 (KRT1) Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A0850	Fibrillarin/U3 RNP Rabbit mAb	WB,IF/ICC	H,M,R
	A11408	GM130 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19403	TOM20 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19707	VDAC1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9657	γ-Tubulin Rabbit mAb	WB,IHC,IF/ICC	H,M,R
Cell cycle	A19037	[KO Validated] Cyclin B1 Rabbit mAb	WB,IHC,IP	H,M
	A11420	CDK1 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A11136	CDK4 Rabbit mAb	WB,IHC,IF/ICC	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

Cell cycle	A19036	Cyclin A2 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A7956	Cyclin B2 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	AP0117	Phospho-RB-S780 Rabbit mAb	WB,IHC	H,M,R
Cell metabolism	A5131	LDHB Rabbit mAb	WB,IHC,IP	H,R
	A11445	ALDOA Rabbit mAb	WB,IHC	H,M,R
	A19662	Cytochrome P450 4A (CYP4A11) Rabbit mAb	WB,IHC	H,M,R
	A11631	COX IV Rabbit mAb	WB,IHC	H,M,R
	A11557	Glutathione Synthetase (GSS) Rabbit mAb	WB,IF/ICC	H,M,R
	A22162	NDUFS3 Rabbit mAb	WB,IHC	H,M,R
	A3934	PFKFB3 Rabbit mAb	WB,IHC,IF/ICC	H,M
	AP0115	Phospho-mTOR-S2448 Rabbit mAb	WB	H,M,R
	AP0637	Phospho-Akt1-S473 Rabbit mAb	WB,IHC	H,M,R
	AP1022	Phospho-PDHA1-S293 Rabbit mAb	WB,IF/ICC,IP	H,M,R
Oxidative Stress	A11220	Catalase Rabbit mAb	WB,IHC	H,M,R
	A3560	COX2/PTGS2 Rabbit mAb	WB,IHC	H,M
	A5051	JNK1/JNK3 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9131	Peroxisredoxin 4 (PRDX4) Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	AP1133	Phospho-NRF2-S40 Rabbit mAb	WB,IHC	H,M,R
	A12537	SOD1 Rabbit mAb	WB,IHC	H,M,R
	A19576	SOD2 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9022	Xanthine Oxidase (XDH) Rabbit mAb	WB,IHC,IF/ICC	H,M,R

3. Oncology

Oncology is the branch of medicine that deals with the diagnosis and treatment of cancer. Research areas including extracellular matrix (ECM), tumor microenvironment, cell adhesion, and epithelial-mesenchymal transition are all related to oncology. It contributes to an understanding of cancer in areas of molecular biology, cell biology, biochemistry, biophysics, genetics, biology, endocrinology, and immunology, as well as studies on the mechanism of action of carcinogens and therapeutic agents, reports dealing with cancer prevention and epidemiology, and clinical trials delineating effective new therapeutic regimens.

Epithelial-Mesenchymal Transition	A19607	[KO Validated] Vimentin Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19778	Cytokeratin 18 (KRT18) Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19109	FSP1/S100A4 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19069	Integrin alpha 5 (ITGA5/CD49e) Rabbit mAb	WB,IHC,IP,FC,IF/ICC	H,M,R
	A21234	Integrin-β1/CD29 Rabbit mAb	WB,IF/ICC,FC	H,M,R
	A17910	α-Smooth Muscle Actin (ACTA2) Rabbit mAb	WB,IHC,IF/ICC	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

Extracellular Matrix	A5968	67kDa Laminin Receptor Rabbit mAb	WB,IF/ICC	H,M,R
	A6813	ADAM15 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3370	ADAMTS13 Rabbit mAb	WB,IF/ICC	H,M,R
	A4986	Cathepsin L/V/K/H Rabbit mAb	WB,IHC	H,M,R
	A22090	Collagen I/COL1A1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A0817	Collagen III alpha 1/COL3A1 Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A19071	Integrin alpha V (ITGAV/CD51) Rabbit mAb	WB,IHC	H,M,R
	A19072	Integrin-β1/CD29 Rabbit mAb	WB,IHC	H,M,R
	A4373	Laminin beta 1 Rabbit mAb	WB,IF/ICC	H,M,R
	A11504	LOX Rabbit mAb	WB,IHC	H,M,R
	A11418	MMP3 Rabbit mAb	WB,IHC	H,M,R
	A20701	MMP7 Rabbit mAb	WB,IHC	H,M,R
	A4210	tPA/PLAT Rabbit mAb	WB,IF/ICC	H,M,R
Cell adhesion	A3244	Cadherin-13 (CDH13) Rabbit mAb	WB,IHC	H,M,R
	A5286	LI Cadherin/Cadherin-17 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4157	γ-Catenin Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A21971	Claudin 1 Rabbit mAb	WB,IF/ICC	H,M,R
	A5227	Desmoglein 3 Rabbit mAb	WB,IF/ICC	H,M
	A9703	CD146/MCAM Rabbit mAb	WB,IHC	H,M,R
	A4900	CD31/PECAM1 Rabbit mAb	WB,IF/ICC	H,M
	A11235	Annexin A2 Rabbit mAb	WB,IHC	H,M,R
	A4989	CD62P/P-selectin Rabbit mAb	WB,IHC	H,M,R
	A3379	α-Actinin-4 Rabbit mAb	WB, IF/ICC	H,M,R
	A11131	FAK Rabbit mAb	WB, IF/ICC	H,M,R
	A19810	Talin 2 Rabbit mAb	WB, IHC, IF/ICC	H,M,R
Cytoskeleton regulation	A2319	α-Actin-1 (ACTA1) Rabbit mAb	WB,IF/ICC	H,M,R
	A17913	βIII-Tubulin Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A4669	Cytokeratin 10 Rabbit mAb	WB,IF/ICC	H,M,R
	A0411	Cytokeratin 13 (KRT13) Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3736	Desmin Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11495	Lamin B1 Rabbit mAb	WB,IHC	H,M,R
	A2395	ROCK2 Rabbit mAb	WB,IHC	H,M,R
Tumor proliferation	A19104	[KO Validated] PTEN Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19115	[KO Validated] Smad3 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19119	[KO Validated] Src Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A19052	FGFR3 Rabbit mAb	WB,IHC	H,M,R
	A4867	JNK1/2/3 Rabbit mAb	WB,IF/ICC	H,M,R
	A19608	PAK1 Rabbit mAb	WB,IF/ICC	H,M,R
	AP1346	Phospho-PTEN-S380/T382/T383 Rabbit mAb	WB,IHC	H,M,R
	AP0727	Phospho-Smad3-S423/S425 Rabbit mAb	WB,IHC	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

Tumor proliferation	A6175	PP2A alpha + beta Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3571	SHIP1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R

4. Signal Transduction

Signal transduction is the process of transferring a signal throughout an organism, especially across or through a cell. Cells receive and respond to various signals, including changes in metabolism, gene expression, or ion channel activity. Commonly studied signaling transduction pathways include Wnt, MAPK, PI3K-AKT, and TGF-beta. When these pathways are abnormally regulated, it may cause the initiation, growth, and metastasis of cancer.

Wnt signaling pathway	A4855	RHOA/RHOB/RHOC Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4189	SFRP4 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
TGFβ signaling pathway	A19630	[KO Validated] ERK2 Rabbit mAb	WB,IHC	H,M,R
	A19114	[KD Validated] Smad2 Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A4782	ERK1/2 Rabbit mAb	WB,IHC,IP	H,M,R
	A18675	Pan-Akt Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	AP0631	Phospho-JNK1/2/3-T183/T183/T221 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19779	KRAS+HRAS+NRAS Rabbit mAb	WB,IF/ICC,IP	H,M,R
MAPK signaling pathway	A5049	p38 MAPK Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19585	[KO Validated] p53 Rabbit mAb	WB,IP	H,R
	AP0548	Phospho-Smad2-S465/467 + Smad3-S423/425 Rabbit pAb	WB,IHC,IF/ICC	H,M,R
	A7778	PKC delta Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4364	PP1 beta Rabbit mAb	WB,IHC,IF/ICC	H,M,R
PI3K-AKT signaling pathway	A17909	Akt1 Rabbit mAb	WB,IHC,IP	H,M,R
	A20227	[KO Validated] Bax Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19073	Integrin beta 3 (ITGB3/CD61) Rabbit mAb	WB,IHC,IP,FC	H,M,R
	AP0641	Phospho-p53-S392 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	AP0502	Phospho-p70 S6 Kinase 1-T421/S424 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4992	PI3 Kinase p85 alpha Rabbit mAb	WB,IHC	H,M,R
	A12295	PIK3C3/VPS34 Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A8992	Raptor Rabbit mAb	WB,IHC,IF/ICC	H,M,R

5. Epigenetics

Epigenetics is the study of how cells control gene activity without changing the DNA sequence. Many types of epigenetic processes have been identified, including methylation, acetylation, phosphorylation, ubiquitylation, sumoylation, and chromatin modification. To date, a wide variety of illnesses, behaviors, and other health indicators already have some level of evidence linking them with epigenetic mechanisms, including cancers of almost all types, cognitive dysfunction, and respiratory, cardiovascular, reproductive, autoimmune, and neurobehavioral illnesses.

Histone	A11412	Histone H2AX Rabbit mAb	ChIP,WB,IHC	H,M,R
	A22348	Histone H3 Rabbit mAb	CUT&Tag,IHC,IF/ICC	H,M,R,Oryza sativa
	A4835	Histone H3.3 Rabbit mAb	ChIP,WB,IHC	H,M,R,Other(Wide Range)
Histone modification	A21107	Acetyl-Histone H3-K9 Rabbit mAb	ChIP,DB,WB,IHC	H,M,R
	A20735	Acetyl-Histone H3-K18 Rabbit mAb	ChIP,DB,WB,IHC,IF/ICC	H,M,R,Other(Wide Range)
	A2771	Acetyl-Histone H3-K27 Rabbit mAb	CUT&Tag,ChIP,DB,WB,IHC,IF/ICC	H,M,R
	A22054	Acetyl-Histone H3-K4/K9/K14/K18/K23/K27 Rabbit mAb	ChIP,WB	H,M,R
	A22099	Acetyl-Histone H4-K5/K8/K12/K16 Rabbit mAb	ChIP,WB,IHC	H,M,R
	A19645	MonoMethyl-Histone H3-R2 Rabbit mAb	ChIP,DB,WB	H,M,R
	A20734	MonoMethyl-Histone H3-K9 Rabbit mAb	ChIP,DB,WB,IHC,IF/ICC	H,M,R,Other(Wide Range)
	A20680	MonoMethyl-Histone H3-K18 Rabbit mAb	ChIP,DB,WB,IHC,IF/ICC	H,M,R
	A22170	MonoMethyl-Histone H3-K27 Rabbit mAb	ChIP,WB,IF/ICC	H,M,R
	A21223	MonoMethyl-Histone H3-K79 Rabbit mAb	ChIP,DB,WB	H,M,R
	A22087	DiMethyl-Histone H3-K36 Rabbit mAb	ChIP,WB,IF/ICC	H,M,R
	A22143	DiMethyl-Histone H3-K4 Rabbit mAb	ChIP,WB,IF/ICC	H,M,R
	A22086	DiMethyl-Histone H3-K79 Rabbit mAb	ChIP,WB,IF/ICC	H,M,R
	A21207	Symmetric DiMethyl-Histone H3-R8 Rabbit mAb	ChIP,WB,DB,IHC,IF/ICC	H,M,R
	A22146	TriMethyl-Histone H3-K4 Rabbit mAb	ChIP,WB,IHC,IF/ICC	H,M,R
	A22295	TriMethyl-Histone H3-K9 Rabbit mAb	ChIP,WB	H,M,R
	A22006	TriMethyl-Histone H3-K27 Rabbit mAb	ChIP,WB	H,M,R
	A20379	TriMethyl-Histone H3-K36 Rabbit mAb	ChIP,DB,WB	H,M,R
Histone modifying enzymes	A19679	[KD Validated] DNMT1 Rabbit mAb	ChIP,WB,IHC,IF/ICC,IP	H,M,R
	A19571	[KO Validated] HDAC1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19577	EZH2/KMT6 Rabbit mAb	WB,IHC	H,M
	A19667	[KO Validated] SIRT1 Rabbit mAb	WB,IF/ICC	H
	A19626	HDAC2 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A8865	[KO Validated] HDAC8 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A2226	HDAC9 Rabbit mAb	WB,IHC,IF/ICC	H,R

FEATURED RABBIT MONOCLONAL ANTIBODY

Histone modifying enzymes	A4423	KAT1/HAT1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3390	KAT8/MYST1/MOF Rabbit mAb	WB,IHC,IF/ICC	H,M
	A0020	KAT9/Elp3 Rabbit mAb	WB,IHC	H,M,R
	A4755	KDM5A Rabbit mAb	ChIP,WB,IP	H,M,R
	A12329	Dot1L/KMT4 Rabbit mAb	WB,IP	H,M
	A0109	MSP/MST1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11107	PKC alpha Rabbit mAb	WB,IHC,IP	H,M,R
	A9598	RNF40 Rabbit mAb	WB,IHC	H,M
Transcription factors	A19032	[KO Validated] c-Myc Rabbit mAb	CUT&Tag,ChIP,WB,IF/ICC	H,M
	A19588	CTCF Rabbit mAb	CUT&Tag,ChIP,WB,IF/ICC,IP	H,M,R
	A11145	[KO Validated] CDK9 Rabbit mAb	CUT&Tag,ChIP-seq,WB,IHC,IF/ICC,IP	H,M,R
	A5236	ESE1/ELF3 Rabbit mAb	ChIP,WB	H,M,R
	A4343	HMGAI Rabbit mAb	ChIP,WB,IHC,IF/ICC,IP	H,M,R
	A3565	Ikaros Rabbit mAb	ChIP,WB,IF/ICC	H,M
	A5433	JunD Rabbit mAb	ChIP,WB,IP	H,M,R
	A3252	NRF1 Rabbit mAb	ChIP,WB,IHC,IP	H,M,R
	A19105	RXRα Rabbit mAb	ChIP,WB,IF/ICC,IP	H,M,R
	A19649	SP1 Rabbit mAb	ChIP,WB,IHC,IF/ICC	H,M,R
	A5218	TEAD1 Rabbit mAb	ChIP,WB,IP	H,M,R
	A3534	YB-1/YBX1 Rabbit mAb	ChIP,WB,IHC,IF/ICC,IP	H,M,R
RNA binding protein	A19529	[KO Validated] HMGB1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11563	Calreticulin Rabbit mAb	WB,IHC,IP	H,M,R
	A5114	EBP1/PA2G4 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9721	eEF2 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9640	EWSR1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9077	FUBP1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3968	G3BP1 Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A19059	GRB2 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A9168	HMGB2 Rabbit mAb	ChIP,WB,IHC,IF/ICC,IP	H,M,R
	A11564	hnRNP A1 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A0772	hnRNP K Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9609	hnRNP Q/SYCRIP Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4257	hnRNP U Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A11698	HSP47/SERPINH1 Rabbit mAb	WB,IHC,IF/ICC	H,M
	A0564	HSP60/HSPD1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3800	NONO/p54nrb Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4575	PRPF8 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4563	DHX9/RNA Helicase A Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A20944	RPL10A Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9404	RPL13 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A12409	DNA topoisomerase I (TOP1) Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
Nuclear receptor signaling	A3974	LXRα Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A20995	PGC1α Rabbit mAb	WB,IHC	H,M,R
	A19697	Progesterone Receptor Rabbit mAb	WB,IHC	H
	A19551	RARα Rabbit mAb	WB,IHC	H,M,R
RNA modification	A19841	N6-methyladenosine / m6A Rabbit mAb	NucleotideArray,DB,IF/ICC,meRIP	H,M,R,Other(Wide Range)
	A3861	FTO Rabbit mAb	WB,IHC,IF/ICC,IP	H
	A8958	hnRNP C Rabbit mAb	WB,IF/ICC	H,M

FEATURED RABBIT MONOCLONAL ANTIBODY

RNA modification	A9143	eIF/ICC3B Rabbit mAb	WB,IF/ICC	H,M,R
	A3431	eIF/ICC3e Rabbit mAb	WB,IHC	H,M,R
	A4539	FMRP Rabbit mAb	WB,IHC	H,M,R
DNA methylation	A20599	5-Methylcytosine (5mC) Rabbit mAb	DB	H,M,R,Other(Wide Range)
	A19659	[KO Validated] DNMT3A Rabbit mAb	WB,IP	H
	A19281	DMAP1 Rabbit mAb	WB	H,M,R
	A8905	MBD3 Rabbit mAb	WB,IHC	H,M,R
	A20833	TET1 Rabbit mAb	WB,IHC	H,M

6. Immunology

Immunity refers to a physiological protective function of the body, which includes a series of processes to recognize and eliminate foreign invaders such as pathogens (bacteria and viruses), chemicals, toxins, and pollens. The immune system has two lines of defense: innate immunity and adaptive immunity. Innate immunity is the first immunological, non-specific (antigen-independent) mechanism for fighting against an intruding pathogen. It is a rapid immune response, occurring within minutes or hours after aggression, that has no immunologic memory. Specific immunity, also known as adaptive immunity (Adaptive immunity), is antigen-dependent and antigen-specific; it has the capacity for memory, which enables the host to mount a more rapid and efficient immune response upon subsequent exposure to the antigen.

cGAS-STING signaling pathway	A3458	TBK1/NAK Rabbit mAb	WB,IF/ICC,IP	H,M,R
	AP1026	Phospho-TBK1/NAK-S172 Rabbit mAb	WB	H,M
	A19717	[KO Validated] IRF3 Rabbit mAb	WB	H,M
	AP1333	Phospho-IRF3-S396 Rabbit mAb	WB	H,M
	AP0995	Phospho-IRF3-S386 Rabbit mAb	WB	H
	A22076	PPM1A Rabbit mAb	WB	H
	A3819	TREX1 Rabbit mAb	WB	H
CLR signaling pathway	A9649	CD209 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11436	CD23 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A8899	PLC gamma 1 (PLCG1) Rabbit mAb	WB	H,M,R
	A5182	PLC gamma 2 (PLCG2) Rabbit mAb	WB,IF/ICC	H,M,R
	A19638	Raf1 Rabbit mAb	WB	H,M,R
	AP0485	Phospho-ERK1-T202 + ERK2-T185 Rabbit mAb	WB,IHC	H,M,R
	A4771	[KO Validated] p38 MAPK Rabbit mAb	WB	H,M,R
	AP1311	Phospho-p38 MAPK-T180/Y182 Rabbit mAb	WB	H,M,R
	AP0105	Phospho-c-Jun-S63 Rabbit mAb	WB,IF/ICC	H,M,R
Inflammasome & pyroptosis	AP1003	Phospho-c-Jun-T91 Rabbit mAb	WB,IHC	H,M,R
	A19635	IL1 β Rabbit mAb	WB,IF/ICC	H,M
JAK-STAT signaling pathway	A21950	IL18 Rabbit mAb	WB	H
	A11963	JAK1 Rabbit mAb	WB,IHC	H,M,R
	A19629	JAK2 Rabbit mAb	WB,IP	H,M
	A19563	STAT1 Rabbit mAb	WB,IP	H,M,R
	AP0054	Phospho-STAT1-Y701 Rabbit mAb	WB	H,M,R
	AP1000	Phospho-STAT1-S727 Rabbit mAb	WB,IHC	H,M,R
	A3588	[KO Validated] STAT2 Rabbit mAb	WB	H,R
	A19566	[KO Validated] STAT3 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	AP1320	Phospho-STAT3-Y705 Rabbit mAb	IHC	H,M,R
	AP0705	Phospho-STAT3-Y705 Rabbit mAb	WB,IHC,IP	H,M,R
	AP0715	Phospho-STAT3-S727 Rabbit mAb	WB,IHC	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

JAK-STAT signaling pathway	A4523	STAT4 Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A5029	STAT5 Rabbit mAb	WB	H,M,R
	A21228	STAT5A Rabbit mAb	WB	H,M
	A19567	[KO Validated] STAT5B Rabbit mAb	WB,IP	H,M,R
	AP0758	Phospho-STAT5A-Y694 Rabbit mAb	WB,IHC	H,M,R
	A19120	STAT6 Rabbit mAb	WB,IF/ICC	H,M
	A19111	SHP1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19112	SHP2 Rabbit mAb	WB,IF/ICC,IP	H,M,R
	A20838	SOCS1 Rabbit mAb	IHC,IF/ICC	H,M,R
	A9190	SOCS2 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A21981	SOCS3 Rabbit mAb	WB	M
	A4744	PIAS1 Rabbit mAb	WB	H,M
	A5203	PIAS2 Rabbit mAb	WB	M,R
NF-κB signaling pathway	A19653	[KO Validated] NF-κB p65/RelA Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R,Monkey
	AP1294	Phospho-NF-κB p65/RelA-S536 Rabbit mAb	WB	H
	A19605	NF-κB2 Rabbit mAb	WB,IHC	H,M,R
	A19714	IκBα Rabbit mAb	WB,IHC,IP	H,M,R
	AP0707	Phospho-IκBα-S32 Rabbit mAb	WB	H,M,R
	AP0999	Phospho-IκBα-S36 Rabbit mAb	WB,IHC	H,M,R
	A19694	IKKα Rabbit mAb	WB	H,M
	A19606	IKKβ Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3463	IKKε Rabbit mAb	WB,IHC	H,M,R
RIG-I-MAVS signaling pathway	A2419	MDA5 Rabbit mAb	WB	H,M,R
	A2278	SMURF2 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M
	A19276	hnRNP E1/PCBP1 Rabbit mAb	WB	H,M,R
	A21119	hnRNP E2/PCBP2 Rabbit mAb	WB,IP	H,M,R
TLR signaling pathway	A19125	TLR2 Rabbit mAb	WB,IF/ICC	H
	A8765	TLR5 Rabbit mAb	WB	H,M
	A21973	TLR7 Rabbit mAb	WB,IHC	M,R
	A19082	[KO Validated] MyD88 Rabbit mAb	WB,IHC	H,M,R
	A4655	IRAK2 Rabbit mAb	WB,IHC	H,R
	A19077	TAK1 Rabbit mAb	WB	H,M
	A9437	Phospho-TAK1-S439 Rabbit mAb	WB	M
	A11106	IRF5 Rabbit mAb	WB,IP	H,M

7. Neuroscience

Neuroscience is one of the most important research fields in life sciences. Its branches include: neural development, cell differentiation of nervous system, cell function regulation of nervous system, neurotransmitter synthesis, secretion and metabolism regulation, regulation mechanism of vesicular transport, neuronal synaptic plasticity, nerve conduction and ion channels, nervous system immunity and inflammation, neurotrophic and protective molecular mechanisms, nervous system disease molecular mechanisms and biomarkers, etc.

Neuronal lineage marker	A20798	E-Cadherin Rabbit mAb	WB,IF/ICC	H,M,R
	A19058	GFAP Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19083	[KO Validated] N-Cadherin Rabbit mAb	WB,IHC,IF/ICC	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

Neuronal lineage marker	A4379	Stathmin 1 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A19055	GAP43 Rabbit mAb	WB,IF/ICC	H,M,R
	A19108	S100B Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A7707	ALDH1L1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A20844	AIF/ICC1/IBA1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19086	NeuN Rabbit mAb	WB,IHC,IF/ICC	H,M,R
Neurodegenerative diseases	A0157	ALDH1A1 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A17911	[KO Validated] APP Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A11217	ATP5A1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11214	ATPB Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19664	Caspase-3 p12 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11910	Caspase-9 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11612	CBS Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19033	CNPase Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11363	GOT1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11731	GSK3 β Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19064	Huntingtin Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3606	K48-linkage Specific Ubiquitin Rabbit mAb	WB,IF/ICC	H,M,R
	A19084	Neurofilament H Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A20269	Neurofilament L Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A2398	Peroxiredoxin 3 (PRDX3) Rabbit mAb	WB,IHC,IF/ICC	H,M
	A3441	PON1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9173	SET/TAF1 Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A20407	α -Synuclein Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	AP0053	Phospho-Tau-T231 Rabbit mAb	WB,IF/ICC	H,M,R
	A19123	TDP-43/TARDB Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A3173	TFAM Rabbit mAb	ChIP,WB,IHC,IF/ICC	H,M,R
	A9254	UBA1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A20887	Ube2L3 / UBCH7 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
Nerve conduction	A19101	PGP9.5/UCHL1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A0198	CaMKII Rabbit mAb	WB,IHC	H,M,R
	A9196	CaMKII delta Rabbit mAb	WB,IF/ICC	H,M,R
	A8812	VAMP3/Cellubrevin Rabbit mAb	WB,IF/ICC	H,M
	A4943	Clathrin heavy chain Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A9265	CRALBP Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A11349	Ephrin B2 Rabbit mAb	WB,IHC	H,M,R
	A11316	GluR2/GRIA2 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9722	GRIK2 Rabbit mAb	WB,IHC	H,M,R
	A4443	[KO Validated] GRK2 Rabbit mAb	WB,IF/ICC	H,M,R
	A9309	STXBP1 Rabbit mAb	WB,IHC	H,M,R
	A11699	NMDAR1 Rabbit mAb	WB,IF/ICC	H,M,R
	A19089	NMDAR2A Rabbit mAb	WB,IHC	H,M,R
	A19098	Parvalbumin (PVALB) Rabbit mAb	WB,IHC	H,M,R
	A12308	RAB7 Rabbit mAb	WB,IF/ICC	H,M,R
	A4894	RAB9A Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19110	Serotonin transporter Rabbit mAb	WB,IF/ICC	H,M,R
	A9712	EAAT1/SLC1A3 Rabbit mAb	WB,IHC	H,M,R
	A21129	SLC25A12 Rabbit mAb	WB,IP	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

Nerve conduction	A8698	SSTR5 Rabbit mAb	WB,IHC	H,M,R
	A3712	Syntaxin 3 Rabbit mAb	WB,IHC	H,M,R
	A3533	VAMP1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A4235	VAMP2 Rabbit mAb	WB,IF/ICC	H,M,R
Neurotrophin	A4873	BDNF Rabbit mAb	WB,IF/ICC	H,M,R
	A19088	p75NTR/NGFR Rabbit mAb	WB,IHC	H,M,R
Neurogenesis	A22180	Non-phospho (Active) β -Catenin -S33/S37/T41 Rabbit mAb	WB,IHC	H,M,R
	A19657	[KO Validated] β -Catenin Rabbit mAb	WB,IHC,IF/ICC,IP	H,M,R
	A4411	[KO Validated] CRMP2/DPYSL2 Rabbit mAb	WB,IF/ICC	H,M,R
	A3503	CRMP5/DPYSL5 Rabbit mAb	WB,IHC	H,M,R
	A4678	DISC1 Rabbit mAb	WB,IF/ICC	H,M,R
	A11488	[KO Validated] FGF2 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19061	GST3/GSTP1 Rabbit mAb	WB,IHC	H,M,R
	A0871	Islet1 Rabbit mAb	WB,IHC	H,M,R
	A9122	Musashi-1 (MSI1) Rabbit mAb	WB,IF/ICC	H,M
	A9039	NUMB Rabbit mAb	WB,IP	H,M
	A2415	REST/NRSF Rabbit mAb	WB,IP	H,M,R
	A3467	Slit2 Rabbit mAb	WB,IHC	H,M,R
	A4174	CD138/Syndecan-1 Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A9782	USP9X Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	A19569	YY1 Rabbit mAb	WB,IF/ICC,IP,ChIP	H,M,R

8. Immunohistochemistry

Immunohistochemistry (IHC) is a laboratory method that uses antibodies to test for certain antigens (markers) in a sample tissue. Its a classic and commonly used method in basic pathological research, and gradually developed into the most commonly used detection technology in clinical pathological diagnosis.

IHC pathology	A19094	[KO Validated] CDKN1A/p21CIP1 Rabbit mAb	IHC,WB	H,M,R
	A19030	[KO Validated] CDX2 Rabbit mAb	IHC,WB,IF/ICC,IP	H,M
	A19038	[KO Validated] Cyclin D1 Rabbit mAb	IHC,WB,IF/ICC,IP	H,M,R
	A4858	[KO Validated] MLH1 Rabbit mAb	IHC,WB	H,M
	A19135	[KO Validated] PD-L1/CD274 Rabbit mAb	IHC,WB	H,M,R
	A19116	[KO Validated] Smad4 Rabbit mAb	IHC,WB,IP,ChIP	H,M,R
	A3247	[KO Validated] SMARCB1/SNF5 Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A20825	AMACR Rabbit mAb	IHC,WB	H,M,R
	A19611	Androgen Receptor Rabbit mAb	IHC,WB,IF/ICC,IP	H,M,R
	A22010	Calretinin Rabbit mAb	IHC,WB	H,M,R
	A19006	Caveolin-1 Rabbit mAb	IHC,WB,IF/ICC	H,M,R

FEATURED RABBIT MONOCLONAL ANTIBODY

IHC pathology	A19014	CD31/PECAM1 Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A19015	CD34 Rabbit mAb	IHC,WB,FC	H,M,R
	A3661	CD35/CR1 Rabbit mAb	IHC,IHC,IF/ICC	H,M,R
	A19017	CD3E Rabbit mAb	IHC,WB,FC	H,M,R
	A19023	CD63 Rabbit mAb	IHC,WB	H,M,R
	A20803	CD68 Rabbit mAb	IHC,WB,FC	H,M,R
	A21224	CD79B Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A19095	CDKN1B/p27KIP1 Rabbit mAb	IHC,WB	H,M,R
	A9576	Chromogranin A Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A1267	CR2/CD21 Rabbit mAb	IHC,WB	H,R
	A12000	Cyclin E1 Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A19040	Cytokeratin 19 (KRT19) Rabbit mAb	IHC,IHC,IF/ICC,WB	H,M,R
	A19041	Cytokeratin 20 (KRT20) Rabbit mAb	IHC,WB	H,R
	A11396	Cytokeratin 5 (KRT5) Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A5031	EGFR (L858R) Rabbit mAb	IHC,WB	H,M
	A1107	EpCAM Rabbit mAb	IHC,WB	H,M,R
	A9566	Fascin/FSCN1 Rabbit mAb	IHC,WB	H,M,R
	A0830	IGF1 Rabbit mAb	IHC,WB	H,M,R
	A20018	Ki67 Rabbit mAb	IHC,IHC,IF/ICC	H,R
	A19081	MUC1 Rabbit mAb	IHC,WB	H,M,R
	A12109	Myeloperoxidase (MPO) Rabbit mAb	IHC,WB	H
	A19652	p63 Rabbit mAb	IHC,WB	H,M
	A12427	PCNA Rabbit mAb	IHC,WB,IF/ICC,IP	H,M,R,African green monkey
	AP0002	Phospho-Histone H3-S10 Rabbit mAb	IHC,WB,IF/ICC	H,M,R,Other(Wide Range)
	A4304	Placental alkaline phosphatase (PLAP) Rabbit mAb	IHC,WB	H,M
	A21195	Prostatic Acid Phosphatase (ACPP) Rabbit mAb	IHC,WB	H,R
	A20220	SATB2 Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A4064	SMMHC/MYH11 Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A3407	Thyroglobulin Rabbit mAb	IHC,IHC,IF/ICC	H,M,R
	A20824	TROP-2 Rabbit mAb	IHC,WB,IF/ICC,FC	H,M,R
	A3292	TTF1 Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A2235	α -Actin-1 (ACTA1) Rabbit mAb	IHC,WB,IF/ICC	H,M,R
	A11399	δ -Catenin/p120 Catenin Rabbit mAb	IHC,WB,IP	H,M,R

9.Direct Flow Cytometry

Flow cytometry (FCM) is a technology that uses fluorescent conjugated antibodies, each corresponding to a different protein in or on the cell surface, to sort cells or biological particles in a fast linear flow state by simultaneously performing multi-parameter, rapid quantitative analysis. It has been widely used in scientific research, drug development, and clinical diagnosis.

Direct flow cytometry	A22069	ABflo® 488 Rabbit IgG isotype control	FC	/
	A22070	ABflo® 647 Rabbit IgG isotype control	FC	/
	A22773	ABflo® 488 Rabbit anti-Human CD4 mAb	FC	H

FEATURED RABBIT MONOCLONAL ANTIBODY

Direct flow cytometry	A22185	ABflo® 488 Rabbit anti-Human CD5 mAb	FC	H
	A22186	ABflo® 647 Rabbit anti-Human CD5 mAb	FC	H
	A22193	ABflo® 488 Rabbit anti-Human CD7 mAb	FC	H
	A22194	ABflo® 647 Rabbit anti-Human CD7 mAb	FC	H
	A21944	ABflo® 488 Rabbit anti-Human CD13/ANPEP mAb	FC	H
	A21945	ABflo® 647 Rabbit anti-Human CD13/ANPEP mAb	FC	H
	A22152	ABflo® 488 Rabbit anti-Human CD20 mAb	FC	H
	A22153	ABflo® 647 Rabbit anti-Human CD20 mAb	FC	H
	A22063	ABflo® 488 Rabbit anti-Human CD27 mAb	FC	H
	A22064	ABflo® 647 Rabbit anti-Human CD27 mAb	FC	H
	A22214	ABflo® 488 Rabbit anti-Human CD30 mAb	FC	H
	A22215	ABflo® 647 Rabbit anti-Human CD30 mAb	FC	H
	A21938	ABflo® 488 Rabbit anti-Human CD40 mAb	FC	H
	A21947	ABflo® 647 Rabbit anti-Human CD40 mAb	FC	H
	A22569	ABflo® 488 Rabbit anti-Human CD45 mAb	FC	H
	A22571	ABflo® 647 Rabbit anti-Human CD45 mAb	FC	H
	A21937	ABflo® 488 Rabbit anti-Human CD48 mAb	FC	H
	A21946	ABflo® 647 Rabbit anti-Human CD48 mAb	FC	H
	A21942	ABflo® 488 Rabbit anti-Human CD55 mAb	FC	H
	A21943	ABflo® 647 Rabbit anti-Human CD55 mAb	FC	H
	A22514	ABflo® 488 Rabbit anti-Human CD68 mAb	FC(Intra)	H
	A22515	ABflo® 647 Rabbit anti-Human CD68 mAb	FC(Intra)	H
	A21940	ABflo® 488 Rabbit anti-Human CD86 mAb	FC	H
	A21941	ABflo® 647 Rabbit anti-Human CD86 mAb	FC	H
	A22154	ABflo® 488 Rabbit anti-Human CD141/Thrombomodulin mAb	FC	H
	A22155	ABflo® 647 Rabbit anti-Human CD141/Thrombomodulin mAb	FC	H
	A22065	ABflo® 488 Rabbit anti-Human Cytokeratin 19 (KRT19) mAb	FC(Intra)	H
	A22066	ABflo® 647 Rabbit anti-Human Cytokeratin 19 (KRT19) mAb	FC(Intra)	H
	A22067	ABflo® 488 Rabbit anti-Human LAMP1 mAb	FC	H
	A22068	ABflo® 647 Rabbit anti-Human LAMP1 mAb	FC	H
	A22187	ABflo® 488 Rabbit anti-Human CEACAM6 mAb	FC	H
	A22188	ABflo® 647 Rabbit anti-Human CEACAM6 mAb	FC	H
	A22191	ABflo® 488 Rabbit anti-Human Integrin-β1/CD29 mAb	FC	H
	A22192	ABflo® 647 Rabbit anti-Human Integrin-β1/CD29 mAb	FC	H
	A22216	ABflo® 488 Rabbit anti-Human LAMP2 mAb	FC(Intra)	H
	A22217	ABflo® 647 Rabbit anti-Human LAMP2 mAb	FC(Intra)	H
	A22771	ABflo® 488 Rabbit anti-Human/Mouse Integrin alpha 5 (ITGA5/CD49e) mAb	FC	H,M
	A22772	ABflo® 647 Rabbit anti-Human/Mouse Integrin alpha 5 (ITGA5/CD49e) mAb	FC	H,M

10. Popular Tag & Loading Control Antibodies

Tag & loading control antibodies are essential tools for immunology experiments. Loading controls are usually antibodies specific for a ubiquitously and constitutively expressed protein and can be used to normalize protein levels in Western Blot. Tag antibodies can highly specifically recognize specific epitopes on fusion proteins constructed by recombinant technology, and can be used to detect and purify multiple proteins with the same tag.

Tag antibodies	AE092	DDDDK-Tag Rabbit mAb		WB,IF/ICC,IP,FC
	AE005	Mouse anti DDDDK-Tag mAb		WB,IHC,IF/ICC,IP
	AE004	Rabbit anti DDDDK-Tag pAb		WB,IHC,IF/ICC,IP
	AE037	Magnetic Beads-conjugated Mouse anti DDDDK-Tag mAb		IP
	AE061	Affinity Gel-conjugated Mouse anti DDDDK-Tag mAb		IP
	AE077	Rabbit anti GST-Tag mAb		WB,IP
	AE006	Rabbit anti GST-Tag pAb		WB,IP
	AE001	Mouse anti GST-Tag mAb		WB,IP
	AE064	Affinity Gel-conjugated Mouse anti GFP-Tag mAb		IP
	AE074	Anti-GFP (Nanobody) Agarose Beads		IP,CoIP,RIP,ChIP
	AE079	Anti-GFP (Nanobody) Magnetic Beads		IP,CoIP,RIP,ChIP
	AE008	Mouse anti HA-Tag mAb		WB,IF/ICC,IP
	AE065	Mouse anti HA-Tag mAb		WB,IP
	AE059	Affinity Gel-conjugated Mouse anti HA-Tag mAb		IP
	AE003	Mouse anti His-Tag mAb		WB,IP
	AE086	Rabbit anti His-tag mAb		WB,IF/ICC,IP
	AE068	Rabbit anti His-Tag pAb		WB,IF/ICC,IP
	AE070	Myc-Tag Rabbit mAb		WB,IF/ICC,FC,IP
	AE009	Rabbit anti Myc-Tag pAb		WB,IF/ICC,IP
	AE010	Mouse anti Myc-Tag mAb		WB,IP
	AE038	Mouse anti MYC-Tag mAb		WB,ICC,IP,FC
	AE060	Affinity Gel-conjugated Mouse anti Myc-Tag mAb		IP
	AE089	Rabbit anti V5-Tag mAb		WB,IF/ICC,IP
Loading control antibodies	AC004	β-Actin Mouse mAb	WB,IF/ICC	H,M,R
	AC038	β-Actin Rabbit mAb	WB	H,M,R,Chicken,Zebrafish,Pig
	AC026	β-Actin Rabbit mAb (High Dilution)	WB	H,M,R,Chicken,Zebrafish,Pig
	AC028	HRP-conjugated β-Actin Rabbit mAb	WB	H,M,R,Chicken,Zebrafish,Pig
	AC036	GAPDH (Human Specific) Rabbit mAb	WB,IF/ICC	H
	AC002	GAPDH Mouse mAb	WB,IHC,IF/ICC	H,M,R
	AC033	GAPDH Mouse mAb (High Dilution)	WB,IHC,IF/ICC	H,M,R
	A19056	GAPDH Rabbit mAb	WB,IHC,IF/ICC	H,M,R
	AC012	α-Tubulin Mouse mAb	WB,IHC,IF/ICC,IP	H,M,R
	AC021	β-Tubulin Mouse mAb	WB,IHC,IF/ICC,IP	H,M,R,Hamster,Monkey,Goat,Chlamydomonas Reinhardtii
	A12289	β-Tubulin Rabbit mAb	WB,IF/ICC,IP	H,M,R
	AC030	HRP-conjugated β-Tubulin Mouse mAb	WB	H,M,R

ABclonal Citations (Partial)

A22153

GAPDH Mouse mAb (High Dilution)

1. Z. Cai et al., RIC-seq for global in situ profiling of RNA-RNA spatial interactions. *Nature* 582, 432-437 (2020).

Institute of Biophysics, Chinese Academy of Sciences IF: 69.504

AE008

Mouse anti HA-Tag mAb

2. X. Yu et al., Fertilized egg cells secrete endopeptidases to avoid polytubey. *Nature* 592, 433-437 (2021).

College of life sciences, Wuhan University IF: 69.504

AC026

β -Actin Rabbit mAb (High Dilution)

3. L.Bai et al., Coinfection with influenza A virus enhances SARS-CoV-2 infectivity. *Cell Res* 31, 395-403 (2021).

College of life sciences, Wuhan University IF: 46.297

A12537

SOD1 Rabbit mAb

4. H. Song et al., Methyltransferase like 7B is a potential therapeutic target for reversing EGFR-TKIs resistance in lung adenocarcinoma. *Mol Cancer* 21, 43 (2022).

Jinan University IF: 41.444

A12537

SOD1 Rabbit mAb

5. J. Zhan, P. Cui, Z. Yu, W. Qu, M. Luo, SDX on the X chromosome is required for male sex determination. *Cell Res* 32, 99-102 (2022).

Wuhan University IF: 46.297

A12427

PCNA Rabbit mAb

6. X. Q. Gao et al., The piRNA CHAPIR regulates cardiac hypertrophy by controlling METTL3-dependent N(6)-methyladenosine methylation of Parp10 mRNA. *Nat Cell Biol* 22, 1319-1331 (2020).

Qingdao University IF: 28.213

A4782

PCNA Rabbit mAb

7. X. Ma et al., DOCK2 regulates antifungal immunity by regulating RAC GTPase activity. *Cell Mol Immunol* 19, 602-618 (2022).

Huazhong University of Science and Technology IF: 22.096

A19083

[KO Validated] N-Cadherin Rabbit mAb

8. Q. Qiao et al., Hybrid Biomimetic Nanovesicles to Drive High Lung Biodistribution and Prevent Cytokine Storm for ARDS Treatment. *ACS Nano* 16, 15124-15140 (2022).

Huazhong University of Science and Technology IF: 18.02

AP0687

Phospho-Histone H2AX-S139 Rabbit mAb

9. H. Lin et al., Hyperpolyploidization of hepatocyte initiates preneoplastic lesion formation in the liver. *Nat Commun* 12, 645 (2021).

Taipei Medical University IF: 17.694

A19403

TOM20 Rabbit mAb

10. H. Cheng et al., Naked mole-rat brown fat thermogenesis is diminished during hypoxia through a rapid decrease in UCP1. *Nat Commun* 12, 6801 (2021).

University of Ottawa IF: 17.694

A0817

Collagen III alpha 1/COL3A1 Rabbit mAb

11. H. Wang et al., Anti-Sca-1 antibody-functionalized vascular grafts improve vascular regeneration via selective capture of endogenous vascular stem/progenitor cells. *Bioact Mater* 16, 433-450 (2022).

Nankai University IF: 16.874

A19700

[KO Validated] SQSTM1/p62 Rabbit mAb

12. P. Hu et al., Cholesterol-associated lysosomal disorder triggers Cell Death of hematological malignancy: Dynamic analysis on cytotoxic effects of LW-218. *Acta Pharm Sin B* 11, 3178-3192 (2021).

China Pharmaceutical University IF: 14.903

A19038

[KO Validated] Cyclin D1 Rabbit mAb

13. G. Zhao et al., Regeneration of the pulmonary vascular endothelium after viral pneumonia requires COUP-TF2. *Sci Adv* 6, (2020).

University of Pennsylvania IF: 14.957

A19607

[KO Validated] Vimentin Rabbit mAb

14. Z. Zou et al., A Single-Cell Transcriptomic Atlas of Human Skin Aging. *Dev Cell* 56, 383-397 e388 (2021).

Institute of Zoology, Chinese Academy of Sciences IF: 13.417

A17910

α -Smooth Muscle Actin (ACTA2) Rabbit mAb

15. H. Qi et al., Size-Confined Effects of Nanostructures on Fibronectin-Induced Macrophage Inflammation on Titanium Implants. *Adv Health Mater* 10, e2100994 (2021).

Wuhan University IF: 11.092

A17909

Akt1 Rabbit mAb

16. M. Chen et al., Resveratrol ameliorates polycystic ovary syndrome via transzonal projections within oocyte-granulosa cell communication. *Theranostics* 12, 782-795 (2022).

Xiamen University IF: 11.6

A19524

[KO Validated] Lamin A/C Rabbit mAb

17. S. Hu et al., Radiation-induced abscopal reproductive effect is driven by TNF- α /p38 MAPK/Rac1 axis in Sertoli cells. *Theranostics* 11, 5742-5758 (2021).

Fudan University IF: 11.6

A19693

Bcl-2 Rabbit mAb

18. Z. Yu et al., LT-171-861, a novel FLT3 inhibitor, shows excellent preclinical efficacy for the treatment of FLT3 mutant acute myeloid leukemia. *Theranostics* 11, 93-106 (2021).

China Pharmaceutical University IF: 11.6

A19040

Cytokeratin 19 (KRT19) Rabbit mAb

19. F. Li et al., Inflammatory-miR-301a circuitry drives mTOR and Stat3-dependent PSC activation in chronic pancreatitis and PanIN. *Mol Ther Nucleic Acids* 27, 970-982 (2022).

Zhongshan City People's Hospital IF: 10.183

A19023

CD63 Rabbit mAb

20. X. Qin et al., Caspase-1-mediated extracellular vesicles derived from pyroptotic alveolar macrophages promote inflammation in acute lung injury. *Int J Biol Sci* 18, 1521-1538 (2022).

Xuzhou Medical University IF: 10.75

FEATURED RABBIT MONOCLONAL ANTIBODY

A19665

[KO Validated] LC3B Rabbit mAb

21. Y. Tan et al., HucMSC-derived exosomes delivered BECN1 induces ferroptosis of hepatic stellate cells via regulating the xCT/GPX4 axis. *Cell Death Dis* 13, 319 (2022).

School of Medicine, Jiangsu University IF: 10.787

A19654

[KO Validated] active + pro Caspase-3 Rabbit mAb

22. S. Wang et al., Selenoprotein K protects skeletal muscle from damage and is required for satellite cells-mediated myogenic differentiation. *Redox Biol* 50, 102255 (2022).

Northeast Agricultural University IF: 10.787

A11243

[KD Validated] GPX4 Rabbit mAb

23. Q. Sun et al., Rho family GTPase 1 (RND1), a novel regulator of p53, enhances ferroptosis in glioblastoma. *Cell Biosci* 12, 53 (2022).

Renmin Hospital of Wuhan University IF: 9.584

A2413

SLC7A11/xCT Rabbit mAb

24. T. Wu et al., Nitrogen-doped graphene quantum dots induce ferroptosis through disrupting calcium homeostasis in microglia. *Part Fibre Toxicol* 19, 22 (2022).

Southeast University, Nanjing IF: 9.112

A19684

Bax Rabbit mAb

25. F. Zhu et al., H1N1 Influenza Virus-Infected Nasal Mucosal Epithelial Progenitor Cells Promote Dendritic Cell Recruitment and Maturation. *Front Immunol* 13, 879575 (2022).

Shandong Provincial Hospital Affiliated to Shandong First Medical University IF: 8.78

A19707

VDAC1 Rabbit mAb

26. J. Zhan et al., SDX on the X chromosome is required for male sex determination. *Cell Res* 32, 99-102 (2022).

Wuhan University IF=46.29

A2877

ALOX5 Rabbit mAb

27. F. Cheng et al., Comprehensive characterization of protein-protein interactions perturbed by disease mutations. *Nat Genet* 53, 342-353 (2021).

Harvard Medical School IF=41.31

A19118

SOX2 Rabbit mAb

28. S. Li et al., Single-Cell Immunoblotting based on a Photoclick Hydrogel Enables High-Throughput Screening and Accurate Profiling of Exogenous Gene Expression. *Adv Mater* 33, e2101108 (2021).

Shanghai Jiao Tong University IF=32.08

A4343

HMGA1 Rabbit mAb

29. Z. Shen et al., High mobility group AT-hook 1 (HMGA1) is an important positive regulator of hepatitis B virus (HBV) that is reciprocally upregulated by HBV X protein. *Nucleic Acids Res* 50, 2157-2171 (2022).

Fudan University IF=19.16

A11488

[KO Validated] FGF2 Rabbit mAb

30. M. Zhao et al., Mesenchymal Stem Cell-Derived Extracellular Vesicles Attenuate Mitochondrial Damage and Inflammation by Stabilizing Mitochondrial DNA. *ACS Nano* 15, 1519-1538 (2021).

West China Hospital, Sichuan University IF=18.02

A19629

JAK2 Rabbit mAb

31. H. Duan et al., CD146 Associates with Gp130 to Control a Macrophage Pro-inflammatory Program That Regulates the Metabolic Response to Obesity. *Adv Sci (Weinh)* 9, e2103719 (2022).

Institute of Biophysics, Chinese Academy of Sciences IF=17.52

A19635

IL1 β Rabbit mAb

32. H. Wang et al., Anti-Sca-1 antibody-functionalized vascular grafts improve vascular regeneration via selective capture of endogenous vascular stem/progenitor cells. *Bioact Mater* 16, 433-450 (2022).

Nankai University IF=16.87

A0121

CCR7 Rabbit mAb

33. X. Dong et al., Oriented nanofibrous P(MMD-co-LA)/Deferoxamine nerve scaffold facilitates peripheral nerve regeneration by regulating macrophage phenotype and revascularization. *Biomaterials* 280, 121288 (2022).

Wuhan University of Technology IF=15.3

A5029

STAT5 Rabbit mAb

34. S. Zhao et al., Switch receptor T3/28 improves long-term persistence and antitumor efficacy of CAR-T cells. *J Immunother Cancer* 9, (2021).

Shandong University IF=12.47

A19841

N6-methyladenosine / m6A Rabbit mAb

35. Y. Hou et al., YTHDC1-mediated augmentation of miR-30d in repressing pancreatic tumorigenesis via attenuation of RUNX1-induced transcriptional activation of Warburg effect. *Cell Death Differ* 28, 3105-3124 (2021).

Shanghai JiaoTong University IF=12.06

A3173

TFAM Rabbit mAb

36. M. Zhao et al., Mitochondrial ROS promote mitochondrial dysfunction and inflammation in ischemic acute kidney injury by disrupting TFAM-mediated mtDNA maintenance. *Theranostics* 11, 1845-1863 (2021).

West China Hospital, Sichuan University IF=11.6

A4873

BDNF Rabbit mAb

37. P. Tian et al., Multi-Probiotics ameliorate Major depressive disorder and accompanying gastrointestinal syndromes via serotonergic system regulation. *J Adv Res*, (2022).

Jiangnan University IF=10.48

A19657

[KO Validated] β -Catenin Rabbit mAb

38. J. Zhang et al., Methyltransferase-like protein 11A promotes migration of cervical cancer cells via up-regulating ELK3. *Pharmacol Res* 172, 105814 (2021).

Jinan University IF=10.33

A19653

[KO Validated] NF-kB p65/RelA Rabbit mAb

39. S. Xia et al., SLC7A2 deficiency promotes hepatocellular carcinoma progression by enhancing recruitment of myeloid-derived suppressors cells. *Cell Death Dis* 12, 570 (2021).

Huazhong University of Science and Technology IF=9.68

A19586

NQO1 Rabbit mAb

40. S. H. Gao et al., Phenolic constituents, antioxidant activity and neuroprotective effects of ethanol extracts of fruits, leaves and flower buds from *Vaccinium dunalianum* Wight. *Food Chem* 374, 131752 (2022).

Kunming University of Science and Technology IF=9.23

A fluorescence microscopy image showing several cells. The nuclei are stained blue, the cytoplasm and cell membrane are stained green, and there are numerous red puncta distributed throughout the cells, particularly concentrated in the cytoplasm and around the nuclei.

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