

CD62P/P-selectin Rabbit mAb

Catalog No.: A4989 **Recombinant**

Basic Information

Observed MW

100kDa

Calculated MW

105,140kDa

Category

Primary antibody

Applications

WB,IHC,IP

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC1229

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:200
IP	1:50 - 1:200

Contact

 | www.abclonal.com

Background

This gene encodes a 140 kDa protein that is stored in the alpha-granules of platelets and Weibel-Palade bodies of endothelial cells. This protein redistributes to the plasma membrane during platelet activation and degranulation and mediates the interaction of activated endothelial cells or platelets with leukocytes. The membrane protein is a calcium-dependent receptor that binds to sialylated forms of Lewis blood group carbohydrate antigens on neutrophils and monocytes. Alternative splice variants may occur but are not well documented. [provided by RefSeq, Jul 2008]

Immunogen Information

Gene ID	Swiss Prot
6403	P16109

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 731-830 of human CD62P/P-selectin (P16109).

Synonyms

CD62; CD62P; GMP140; GRMP; LECAM3; PADGEM; PSEL

Product Information

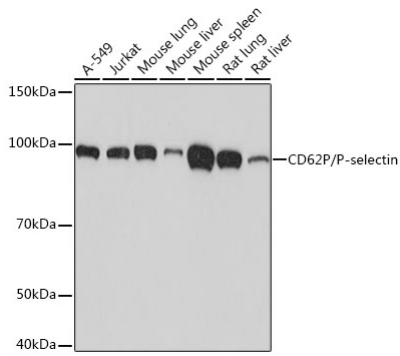
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thiomersal,0.05% BSA,50% glycerol,pH7.3.

Validation Data



Western blot analysis of extracts of various cell lines, using CD62P/P-selectin Rabbit mAb (A4989) at 1:1000 dilution.

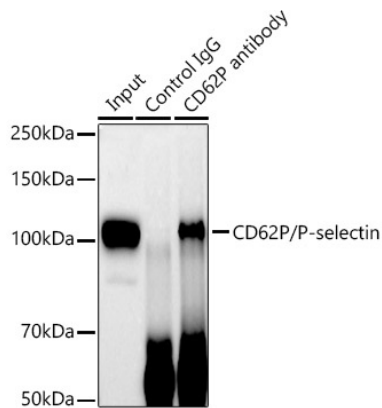
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25ug per lane.

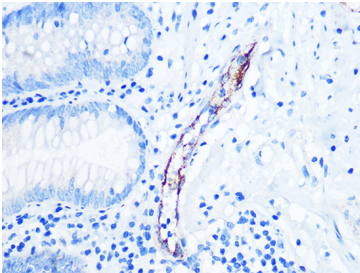
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 10s.



Immunoprecipitation analysis of 600ug extracts of Mouse spleen cells using 3ug CD62P/P-selectin antibody (A4989). Western blot was performed from the immunoprecipitate using CD62P/P-selectin antibody (A4989) at a dilution of 1:1000.



Immunohistochemistry of paraffin-embedded human appendix using CD62P/P-selectin Rabbit mAb (A4989) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.