



# CD19 Rabbit mAb

Catalog No.: A19013 **Recombinant**

## Basic Information

### Observed MW

95kDa

### Calculated MW

95kDa

### Category

Primary antibody

### Applications

WB,IHC

### Cross-Reactivity

Human

### CloneNo number

ARC0418

## Recommended Dilutions

<b>WB</b>	1:500 - 1:2000
<b>IHC</b>	1:5000-8000

## Background

Lymphocytes proliferate and differentiate in response to various concentrations of different antigens. The ability of the B cell to respond in a specific, yet sensitive manner to the various antigens is achieved with the use of low-affinity antigen receptors. This gene encodes a cell surface molecule which assembles with the antigen receptor of B lymphocytes in order to decrease the threshold for antigen receptor-dependent stimulation. [provided by RefSeq, Jul 2008]

## Immunogen Information

Gene ID	Swiss Prot
930	P15391

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 314-556 of human CD19 (P15391).

### Synonyms

B4;CVID3;CD19

## Contact

[www.abclonal.com](http://www.abclonal.com)

## Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

### Storage

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

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data

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Western blot analysis of extracts of Human serum, using CD19 antibody (A19013) 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 Enhanced Kit (RM00021).  
Exposure time: 3min.



Immunohistochemistry of paraffin-embedded Human appendix using CD19 antibody (A19013) at dilution of 1:10000 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded Human tonsil using CD19 antibody (A19013) at dilution of 1:10000 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry of paraffin-embedded Human kidney (negative control sample) using CD19 antibody (A19013) at dilution of 1:10000 (40x lens). Perform high pressure antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.