

For Research Use Only

# CD19 Polyclonal antibody

Catalog Number: 23405-1-AP



## Basic Information

### Catalog Number:

23405-1-AP

### Size:

150ul , Concentration: 447 µg/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG19945

### GenBank Accession Number:

BC006338

### GeneID (NCBI):

930

### ENSEMBL Gene ID:

ENSG00000177455

### UNIPROT ID:

P15391

### Full Name:

CD19 molecule

### Calculated MW:

556 aa, 61 kDa

### Purification Method:

Antigen Affinity purified

## Applications

### Tested Applications:

ELISA

### Species Specificity:

human

## Background Information

CD19 is a B cell-specific molecule that controls B cell activation by complexing with the BCR. CD19 is a member of the Ig superfamily and is the dominant component for the signaling complex on B cells that includes CD21, CD81, and CD22. Humans with CD19 deficiency have reduced proliferative responses to BCR stimulation in vitro and mount impaired Ab responses to vaccination.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

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