

## CD19 Recombinant antibody

**Cat:**B36478S

**Company:** HaoKebio

**Uniprot ID:**P25918

**Applications:** IHC:1:500-1:2000

**Organism:**Rabbit

IHC-Polymer:1:2000-1:8000

**Species reactivity:**Mouse Rat

IHC-TSA:1:2500-1:10000

**Molecular Weight Calculation:** 60 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 62-70 kDa

WB:1:5000-1:50000

### Background:

CD19 is a type I transmembrane glycoprotein belonging to the immunoglobulin superfamily. It is expressed by B cells and follicular dendritic cells.

CD19 is up-regulated at the step of B-lineage commitment during the differentiation of the hematopoietic stem cell, it remains on during subsequent stages of differentiation until finally down-regulated during terminal differentiation into plasma cells. CD19 is involved in B cell development, activation and differentiation. It is the dominant component for the signaling complex on B cells that includes CD21 (CR2), CD81 (TAPA-1) and CD225 and acts as a critical co-receptor for BCR signal transduction.

### Synonyms:

CD19 antigen, 240135A3

### Immunogen:

Recombinant protein

### Isotype:

IgG

### Subcellular location:

Membrane

### Purity:

Affinity purification

### Form:

Liquid

### Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

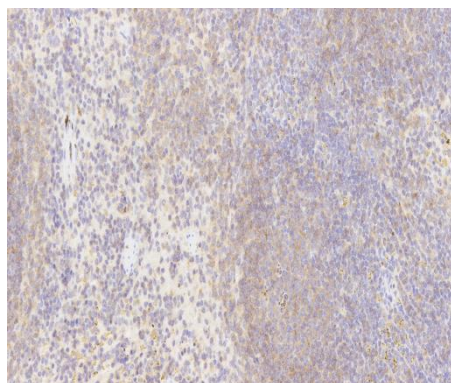
### Storage:

Store at -20 °C for one year.

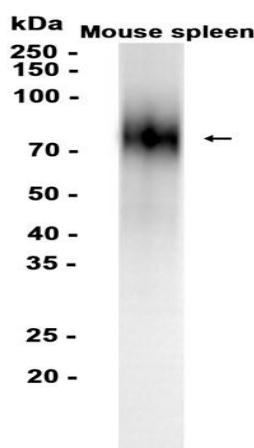
### Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

### Images:



Sample: Mouse spleen, 4% PFA 12-24h



Dilution of 1:20000 incubated at room temperature for 1.5 hours.

### Source of Reagents:

发表[中文论文]请标注:CD19(B36478S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD19(B36478S) were ki  
ndly provided by Hangzhou Haoke Biotechnolog  
y Co., Ltd.