

## CD22 Recombinant antibody

**Cat:**B36482S

**Company:** HaoKebio

**Uniprot ID:**P35329-1

**Applications:** IHC:1:2000-1:10000

**Organism:**Rabbit

IHC-Polymer:1:8000-1:40000

**Species reactivity:**Mouse

IHC-TSA:1:10000-1:50000

**Molecular Weight Calculation:** 97 kDa

IF:1:100-1:500

**Observed Molecular Weight:** 120-150 kDa

WB:1:2000-1:10000

### Background:

CD22, also known as Siglec-2 (sialic acid binding Ig-like lectin 2) or BL-CAM (B-lymphocyte cell adhesion molecule), is a 130-140 kDa, B-cell restricted, type I transmembrane glycoprotein belonging to the immunoglobulin gene superfamily. The expression of CD22 is developmentally regulated. It is expressed at low levels in the cytoplasm of pro-B and pre-B cells and present on the cell surface only at mature stages of B-cell differentiation. Cell surface expression is lost during terminal differentiation into plasma cell and after B-cell activation. CD22 is an inhibitory receptor for B-cell receptor (BCR) signalling, preferentially binds to alpha-2,6-linked sialic acid and mediates B-cell B-cell interactions. It plays a crucial role in activation and differentiation of the B-cell.

### Synonyms:

B-cell receptor CD22, BL-CAM, B-lymphocyte cell adhesion molecule, Lyb-8, Sialic acid-binding Ig-like lectin 2

### 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.

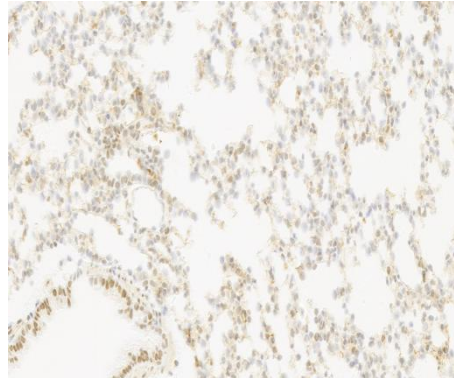
### Storage:

Store at -20 °C for one year.

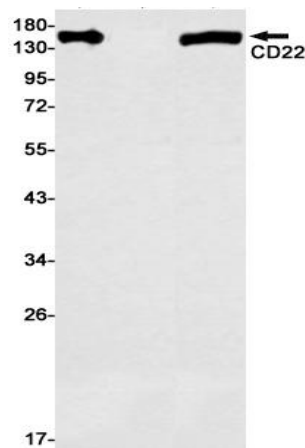
### Experimental procedure:

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 lung, 4% PFA 12-24h



Dilution of 1:5000 incubated at room temperature for 1.5 hours.

**Source of Reagents:**

发表[中文论文]请标注:CD22(B36482S)由杭州  
浩克生物技术有限公司提供;

发表[英文论文]请标注:CD22(B36482S) were ki  
ndly provided by Hangzhou Haoke Biotechnolog  
y Co., Ltd.