

## CD72 Recombinant antibody

**Cat:** B36494S

**Company:** HaoKebio

**Uniprot ID:** P21855

**Applications:** IHC:1:200-1:800

**Organism:** Rabbit

IHC-Polymer:1:800-1:3200

**Species reactivity:** Mouse

IHC-TSA:1:1000-1:4000

**Molecular Weight Calculation:** 40 kDa

IF:1:50-1:100

**Observed Molecular Weight:** 40-45 kDa

WB:1:1000-1:6000

### Background:

CD72 is a type II transmembrane glycoprotein of 39-45 kDa and is expressed as a disulphide-linked homodimer. CD72 is a pan B-cell marker covering the full range of differentiation from the very early stages of B cells to mature surface Ig<sup>+</sup> B cells. It is expressed in all stages of B cell development except plasma cells. CD72 is also expressed by dendritic cells, tissue macrophages in the red pulp of the spleen and von Kupffer cells in the liver. CD72 is the ligand for CD5 (PMID: 1711157). CD72 is a negative regulator of BCR signaling (PMID: 9590210). Interaction of CD100 with CD72 strictly tunes the strength of BCR signals and is essential for maintaining immunological homeostasis as well as generating a proper immune response (PMID: 16113236).

### Synonyms:

242846B5, B-cell differentiation antigen CD72, Ly32, Ly-32, Lyb-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.

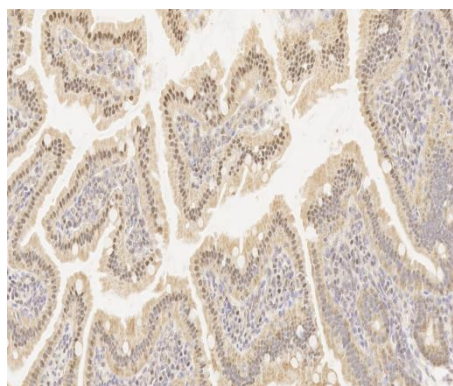
### Storage:

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 intestine, 4% PFA 12-24h

### Source of Reagents:

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