

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⁺ 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).

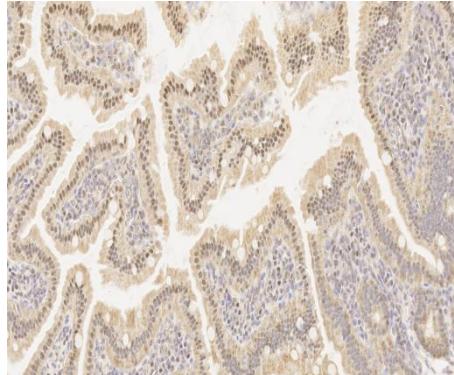
PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

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:

发表[中文论文]请标注:CD72(B36494S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:CD72(B36494S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

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: