

Anti-CD72 Antibody
Rabbit polyclonal antibody to CD72
Catalog # AP60241**Specification**

Anti-CD72 Antibody - Product Information

Application	WB
Primary Accession	P21854
Other Accession	P21855
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	40220

Anti-CD72 Antibody - Additional Information**Gene ID** 971**Other Names**

B-cell differentiation antigen CD72; Lyb-2; CD72

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human CD72. The exact sequence is proprietary.

Dilution

WB~~WB (1/500 - 1/1000)

Format

Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.

Storage

Store at -20 °C. Stable for 12 months from date of receipt

Anti-CD72 Antibody - Protein Information**Name** CD72**Function**

Co-receptor of B cell receptor (BCR) that plays both positive and negative roles on B-cell functions. Recognizes the Sm/ribonucleoprotein (RNP) self-antigen ligand, and coligation of CD72 and BCR inhibits BCR signaling. Mechanistically, ligand binding leads to the recruitment of PTPN6/SHP-1 to the BCR complex which is inhibitory to BCR signaling. Also acts as a ligand for CD5 and thereby plays a critical role in maintaining regulatory T and B-cell homeostasis.

Cellular Location

Membrane; Single-pass type II membrane protein.

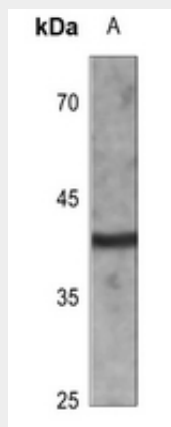
Tissue Location

Pre-B-cells and B-cells but not terminally differentiated plasma cells

Anti-CD72 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD72 Antibody - Images

Western blot analysis of CD72 expression in mouse brain (A) whole cell lysates.

Anti-CD72 Antibody - Background

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