

Anti-CD72 Antibody

Catalog # AP60241

Product Information

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

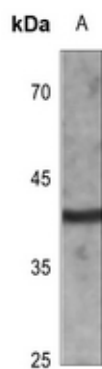
Additional Information

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 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

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

Images



Western blot analysis of CD72 expression in mouse brain
(A) whole cell lysates. (Predicted band size: 40 kD;
Observed band size: 40 kD)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.