

Rabbit anti-Human, Mouse CD72 Polyclonal Antibody | anti-CD72 antibody

CD72 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327357	Rabbit	Human, Mouse	ELISA, Immunohistochemistry, Western Blot

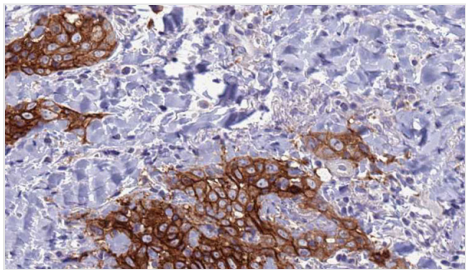
PRODUCT SYNONYMS

CD72; Polyclonal Antibody; CD72 Antibody; B cell differentiation antigen CD72; B-cell differentiation antigen CD72; CD_antigen=CD72; CD72 antigen; CD72 molecule; CD72_HUMAN; CD72b; CD72c; Ly-19; Ly-32; Ly-m19; Lyb-2; Lyb2; LYB2; mouse; homolog of; Lymphocyte antigen 32; MGC108873; anti-CD72 antibody

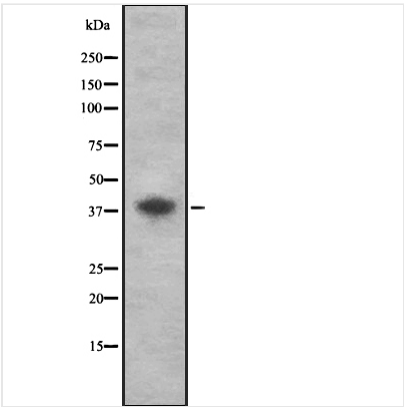
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	CD72 antibody detects endogenous levels of total CD72
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-CD72 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human CD72
Subcellular Location	Membrane.
Tissue Specificity	Pre-B-cells and B-cells but not terminally differentiated plasma cells.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



IHC (Immunohistochemistry)
AAA327357 at 1/100 staining Human Head and neck cancer tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western blot analysis of CD72 using A549 whole lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-CD72 antibody	Function: Plays a role in B-cell proliferation and differentiation. Subunit Structure: Homodimer; disulfide-linked. Associates with CD5. Interacts (tyrosine phosphorylated) with PTPN6/SHP-1 (By similarity). Post-translational Modifications: Phosphorylated upon engagement of the B-cell receptor, probably by LYN or SYK. Phosphorylation at Tyr-7 is important for interaction with PTPN6/SHP-1 (By similarity).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502683
NCBI GeneID	971
NCBI Accession #	NP_001773.1
NCBI GenBank Nucleotide #	NM_001782.2
UniProt Accession #	P21854
Molecular Weight	Observed: 40 kDa Predicted: 41 kDa
NCBI Official Full Name	B-cell differentiation antigen CD72
NCBI Official Synonym Full Names	CD72 molecule
NCBI Official Symbol	CD72
NCBI Official Synonym Symbols	LYB2; CD72b
NCBI Protein Information	B-cell differentiation antigen CD72
UniProt Protein Name	B-cell differentiation antigen CD72
UniProt Gene Name	CD72

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.