

Mouse anti-Human CD72 Monoclonal Antibody | anti-CD72 antibody

Anti-Hu CD72 Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA128335	Mouse	Human	Immunoprecipitation, Flow Cytometry, Functional Assay

PRODUCT SYNONYMS

CD72; Monoclonal Antibody; Anti-Hu CD72 Purified; CD72 molecule; LYB2; anti-CD72 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2b
Clone Number	3F3
Specificity	The mouse monoclonal antibody 3F3 recognizes an extracellular epitope of CD72, a 39-43 kDa type II membrane glycoprotein (C-type lectin family). CD72 is a pan-B cell marker expressed throughout the B lymphocytes differentiation with the exception of plasma cells; it is also present on follicular dendritic cells.
Purity/Purification	Purified by Precipitation and Chromatography
Form/Format	Phosphate buffered saline (PBS) solution with 15 mM sodium azide
Concentration	1 mg/ml (varies by lot)
Sequence Length	359
Applicable Applications for anti-CD72 antibody	IP (Immunoprecipitation), FCM/FACS (Flow Cytometry)
Immunogen	Normal human lymphocytes from a lymph node.
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for anti-CD72 antibody	CD72 is a transmembrane glycoprotein expressed as a homodimer especially in B cells, but also in other antigen presenting cells such as dendritic cells and macrophages. Through one of its immunoreceptor tyrosine-based inhibitory motives (ITIMs), CD72 interacts with tyrosine phosphatase SHP-1, thereby suppressing B cell responsiveness. Binding of CD72 with its ligand CD100 (Sema4D) prevents BCR association and phosphorylation of CD72 and results in dissociation of SHP-1 from CD72, thus enables B cell activation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502683
NCBI GeneID	971
NCBI Accession #	NP_001773.1
NCBI GenBank Nucleotide #	NP_001773.1
UniProt Accession #	P21854

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
UniProt Entry Name	CD72_HUMAN

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.

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Online datasheet: <https://www.aaabiotech.com/monoclonal/cd72-antibody-clone-3f3-immunoprecipitation-flow-cytometry-elisa/128335>