Aa305-317 (CD72) Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD72, aa305-317, Polyclonal Antibody
Full Product Name	CD72, aa305-317
Product Gene Name	anti-CD72 antibody
Product Synonym Names	Anti -CD72, aa305-317
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2, 0.01% sodium azide before the addition of 40% glycerol.
Purity/Purification	Affinity Purified Purified by immunoaffinity chromatography.
Specificity	Reacts with residues 305-317 [KDWKLTDDTQRTRI] of the 42kD human CD72 protein.
Preparation and Storage	May be stored at 4 degree C for short-term only. For long-term storage, store at -20 degree C. Aliquots are stable for at least 12 months at -20 degree C. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Further dilutions can be made in assay buffer.
Molecular Weight	40,220 Da
Chromosome Location	Chromosome: 9; NC_000009.11 (35609976..35618862, complement). Location: 9p13.3
OMIM	107272
3D Structure	ModBase 3D Structure for P21854
Immunogen	Synthetic peptide, aa305-317 [KDWKLTDDTQRTRI] of the 42kD human CD72 protein.
Product Categories/Family for anti-CD72 antibody	Antibodies; Abs to CD Markers
Applications Tested/Suitable for anti-CD72 antibody	Western Blot (WB)
Application Notes for anti-CD72 antibody	Western Blot: 1:250-1:500
Related Product Information for anti-CD72 antibody	CD72 is a lymphocyte receptor for the Class IV semaphorin CD100, which is involved in regulating B cell signaling.
Other Notes	Small volumes of anti-CD72 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for CD72 purchase	MBS6009290 is an antibody targeting CD72. Also known as CD72, aa305-317. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD72. It may not necessarily be applicable to this product.

NCBI GI #	56044172

NCBI GeneID	971
NCBI Accession #	BAD72864.1
UniProt Primary Accession #	P21854
UniProt Related Accession #	P21854
NCBI Official Full Name	CD72 antigen
NCBI Official Synonym Full Names	CD72 molecule
NCBI Official Symbol	CD72
NCBI Official Synonym Symbols	LYB2; CD72b
UniProt Protein Name	B-cell differentiation antigen CD72
UniProt Synonym Protein Names	Lyb-2
Protein Family	B-cell differentiation antigen
UniProt Gene Name	CD72
UniProt Entry Name	CD72_HUMAN
NCBI Protein Information	B-cell differentiation antigen CD72; lyb-2; CD72 antigen
UniProt Comments for CD72	CD72: Plays a role in B-cell proliferation and differentiation. Protein type: Cell adhesion; Membrane protein, integral Chromosomal Location of Human Ortholog: 9p13.3 Cellular Component: integral to plasma membrane; plasma membrane Molecular Function: protein binding; transmembrane receptor activity; carbohydrate binding; receptor binding Biological Process: axon guidance; cell adhesion; signal transduction
Research Articles on CD72	**1.** regulates serum immunoglobulin leveln and disease resistance in systemic lupus erythematosus
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