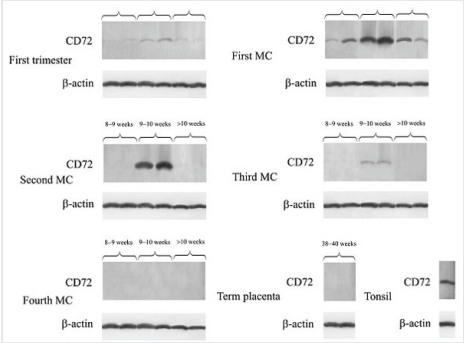
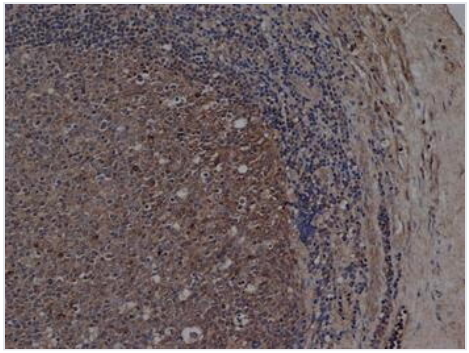
CD72 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD72, Monoclonal Antibody
Full Product Name	CD72 (B Cell Differentiation Antigen CD72, Lyb-2) (Biotin)
Product Gene Name	anti-CD72 antibody
Product Synonym Names	CD72 Antigen; CD72 Molecule
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	10B1957
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. Labeled with Biotin.
Purity/Purification	Purified by protein A affinity chromatography from tissue culture supernatant.
Specificity	Recognizes human CD72.
Preparation and Storage	Store at -20 degree C.
OMIM	107272
3D Structure	ModBase 3D Structure for P21854
Conjugate	Biotin
Product Categories/Family for anti-CD72 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD72 antibody	Flow Cytometry (FC/FACS), Immunohistochemistry (IHC), Immunoprecipitation (IP), Western Blot (WB)
Related Product Information for anti-CD72 antibody	MBS6248764 is an antibody targeting CD72. Also known as CD72 (B Cell Differentiation Antigen CD72, Lyb-2) (Biotin). Reactive in Human. Host: Mouse.
Product References and Citations for anti-CD72 antibody	1. Katira, A. et al. (1992) Occupancy of CD72 (the CD5 counterstructure) enhances interleukin-4-dependent CD23 expression in resting B lymphocytes. Immunology. 76:422 - 426.
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.



Western Blot (WB) of anti-CD72 antibody
C2428-41V used to evaluate CD72 expression in miscarriage and normal placental tissue lysates by western blotting following immunopreciptiation with the same antibody.



Immunohistochemistry (IHC) of anti-CD72 antibody
Immunohistochemistry staining of paraffin embedded human tonsil with C2428-41V.

ADDITIONAL DETAILS

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

NCBI GI #	4502683
NCBI GeneID	971
NCBI Accession #	NP_001773.1
UniProt Primary Accession #	P21854
UniProt Related Accession #	P21854
GenBank Nucleotide #	NP_001773.1
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
UniProt Protein Name	B-cell differentiation antigen CD72
UniProt Synonym Protein Names	Lyb-2; CD_antigen: CD72
Protein Family	B-cell differentiation antigen
UniProt Gene Name	CD72
UniProt Entry Name	CD72_HUMAN
NCBI Protein Information	B-cell differentiation antigen CD72
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; signal transduction; cell adhesion
Research Articles on CD72	**1.** Interferon-alpha-induced CD100 expression on naive CD8(+) T cells enhances antiviral responses to hepatitis C infection through CD72 signal transduction.

Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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