CD58 Antibody

PRODUCT OVERVIEW

Product Name	CD58, Antibody
Full Product Name	CD58 Antibody
Product Gene Name	anti-CD58 antibody
Molecular Weight	27,960 Da
OMIM	153420
3D Structure	ModBase 3D Structure for P19256
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for anti-CD58 antibody	MBS8505098 is an antibody targeting CD58. Also known as CD58 Antibody.
Other Notes	Small volumes of anti-CD58 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.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD58. It may not necessarily be applicable to this product.

NCBI GI #	221316575
NCBI GeneID	965
NCBI Accession #	NP_001138294.1
UniProt Primary Accession #	P19256
UniProt Secondary Accession #	Q5U053; Q6IB65; Q96KI9; A8K7G5
UniProt Related Accession #	P19256
GenBank Nucleotide #	NM_001144822.1
NCBI Official Full Name	lymphocyte function-associated antigen 3 isoform 2
NCBI Official Synonym Full Names	CD58 molecule
NCBI Official Symbol	CD58
NCBI Official Synonym Symbols	ag3; LFA3; LFA-3
UniProt Protein Name	Lymphocyte function-associated antigen 3
UniProt Synonym Protein Names	Surface glycoprotein LFA-3; CD_antigen: CD58
Protein Family	Lymphocyte function-associated antigen
UniProt Gene Name	CD58
UniProt Synonym Gene Names	LFA3; Ag3
NCBI Protein Information	lymphocyte function-associated antigen 3

NCBI Summary for CD58	This gene encodes a member of the immunoglobulin superfamily. The encoded protein is a ligand of the T lymphocyte CD2 protein, and functions in adhesion and activation of T lymphocytes. The protein is localized to the plasma membrane. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jan 2009]
UniProt Comments for CD58	Ligand of the T-lymphocyte CD2 glycoprotein. This interaction is important in mediating thymocyte interactions with thymic epithelial cells, antigen-independent and -dependent interactions of T-lymphocytes with target cells and antigen-presenting cells and the T-lymphocyte rosetting with erythrocytes. In addition, the LFA-3/CD2 interaction may prime response by both the CD2+ and LFA-3+ cells.
Research Articles on CD58	**1.** Mutations and copy number loss of CD58 or TP53 are identified to be an independent negative prognostic factors for diffuse large B cell lymphoma.
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