CD58 Antibody – Mouse Monoclonal

PRODUCT OVERVIEW

Product Name	CD58, Monoclonal Antibody
Full Product Name	CD58 (Lymphocyte Function-associated Antigen 3, Ag3, Surface Glycoprotein LFA-3, LFA3) (MaxLight 750)
Product Gene Name	anti-CD58 antibody
Clonality	Monoclonal
Isotype	IgG2a,k
Clone Number	2D11-B10
Host	Mouse
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with MaxLight750.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human CD58.
Preparation and Storage	Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo to removing the cap.
Molecular Weight	27,960 Da
Immunogen	Full length recombinant corresponding to aa1-240 from human CD58 (AAH05930) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MVAGSDAGRALGVLSVVCLLHCFGFISCFSQQIYGVVYGNVTFHVPSNVPLKEVLWKKQKDKVAELENSEFRAFSSFKNRVYLDTVSGSLTIYNLTSSDED
Conjugate	MaxLight750
Product Categories/Family for anti-CD58 antibody	Antibodies; CD Markers
Applications Tested/Suitable for anti-CD58 antibody	FLISA, Immunofluorescence (IF), Immunohistochemistry (IHC), Western Blot (WB)
Application Notes for anti-CD58 antibody	IF: 10ug/ml Applications are based on unconjugated antibody.
Related Product Information for anti-CD58 antibody	MBS6232030 is an antibody targeting CD58. Also known as CD58 (Lymphocyte Function-associated Antigen 3, Ag3, Surface Glycoprotein LFA-3, LFA
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 necessa

ADDITIONAL DETAILS

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

NCBI GI #	13543544
NCBI GeneID	965
NCBI Accession #	BC005930
NCBI Related Accession #	AAH05930
UniProt Secondary Accession #	Q5U053; Q6IB65; Q96KI9; A8K7G5
UniProt Related Accession #	P19256
NCBI Official Full Name	Homo sapiens CD58 molecule, mRNA
NCBI Official Synonym Full Names	CD58 molecule
NCBI Official Symbol	CD58
NCBI Official Synonym Symbols	ag3; LFA3; LFA-3
Protein Family	Lymphocyte function-associated antigen
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]
Research Articles on CD58	**1.** Cytometry analysis evidenced a specific expression profile on reticulocytes of SCA infants, with notably an increased expression of the adhesion molecules Lu/BCAM, ICAM-4 and LFA-3, both in percentage of positive cells and in surface density.
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.
Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/monoclonal-human-antibody/cd58/6232030