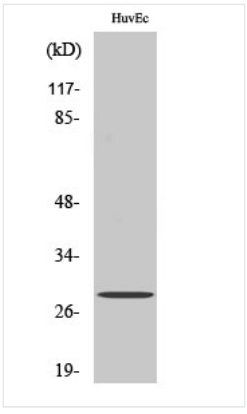
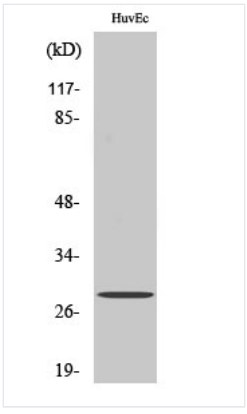
CD58 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD58, Polyclonal Antibody
Full Product Name	CD58 Polyclonal Antibody
Product Gene Name	anti-CD58 antibody
Product Synonym Names	CD58; LFA3; Lymphocyte function-associated antigen 3; Ag3; Surface glycoprotein LFA-3; CD antigen CD58
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	28,147 Da
Chromosome Location	Chromosome: 1; NC_000001.10 (117057156..117113715, complement). Location: 1p13
OMIM	153420
3D Structure	ModBase 3D Structure for P19256
Applications Tested/Suitable for anti-CD58 antibody	Western Blot (WB)
Related Product Information for anti-CD58 antibody	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.
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.
Searchable Terms for CD58 purchase	MBS9243017 is an antibody targeting CD58. Also known as CD58 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Wester Blot (WB) of anti-CD58 antibody
Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.



Western Blot (WB) of anti-CD58 antibody
Dilution: Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

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
Protein Family	Lymphocyte function-associated antigen
UniProt Gene Name	CD58
UniProt Synonym Gene Names	LFA3; Ag3
UniProt Entry Name	LFA3_HUMAN
NCBI Protein Information	lymphocyte function-associated antigen 3; surface glycoprotein LFA-3; CD58 antigen, (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	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. 3 isoforms of the human protein are produced by alternative splicing. Protein type: Membrane protein, GPI anchor; Cell adhesion; Membrane protein, integral Chromosomal Location of Human Ortholog: 1p13 Cellular Component: cell surface; membrane; integral to plasma membrane; plasma membrane Molecular Function: protein binding; receptor binding Biological Process: heterotypic cell-cell adhesion; cell-cell adhesion; cell adhesion; blood coagulation; leukocyte migration
Research Articles on CD58	**1.** In 21 percent of diffuse large B cell lymphoma cases, lesions involve the CD58 gene, which encodes a molecule involved in T and natural killer cell-mediated responses

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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