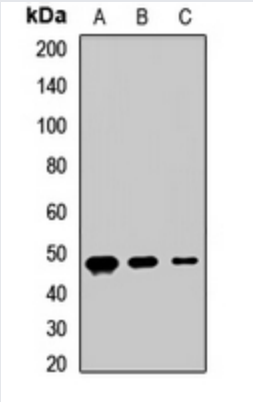
CD322 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	CD322, Polyclonal Antibody
Full Product Name	Rabbit anti-CD322 Antibody
Product Gene Name	anti-CD322 antibody
Product Synonym Names	C21orf43; VEJAM; Junctional adhesion molecule B; JAM-B; Junctional adhesion molecule 2; JAM-2; Vascular endothelial junction-associated molecule; VE-JAM; CD322
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Concentration	1mg/mL (lot specific)
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.
Molecular Weight	33,207 Da
OMIM	606870
3D Structure	ModBase 3D Structure for P57087
Immunogen	Recombinant full length protein of human CD322
Product Categories/Family for anti-CD322 antibody	Primary antibodies
ISO Certification	Manufactured in an ISO 13485:2003 and EN ISO 13485:2012 Certified Laboratory.
Applications Tested/Suitable for anti-CD322 antibody	Western Blot (WB)
Application Notes for anti-CD322 antibody	WB: 1:500-1:2000
Related Product Information for anti-CD322 antibody	MBS4505544 is an antibody targeting CD322. Also known as Rabbit anti-CD322 Antibody. Reactive in Human. Host: Rabbit.
Other Notes	Small volumes of anti-CD322 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-CD322 antibody
Western blot analysis of CD322 expression in A549 (A), SHSY5Y (B), Hela (C) whole cell lysates.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CD322. It may not necessarily be applicable to this product.

NCBI GI #	393715113
NCBI GeneID	58494
NCBI Accession #	NP_001257337.1
UniProt Primary Accession #	P57087
UniProt Secondary Accession #	Q6UXG6; Q6YNC1; B2R6T9; B4DGT9
UniProt Related Accession #	P57087
GenBank Nucleotide #	NM_001270408.1
NCBI Official Full Name	junctional adhesion molecule B isoform 3
NCBI Official Synonym Full Names	junctional adhesion molecule 2
NCBI Official Symbol	JAM2
NCBI Official Synonym Symbols	JAMB; CD322; JAM-B; VEJAM; PRO245; VE-JAM; C21orf43
UniProt Protein Name	Junctional adhesion molecule B
UniProt Synonym Protein Names	Junctional adhesion molecule 2; JAM-2; Vascular endothelial junction-associated molecule
Protein Family	Junctional adhesion molecule
UniProt Gene Name	JAM2
UniProt Synonym Gene Names	C21orf43; VEJAM; JAM-B; JAM-2; VE-JAM
UniProt Entry Name	JAM2_HUMAN
NCBI Protein Information	junctional adhesion molecule B; JAM-2; JAM-IT/VE-JAM; vascular endothelial junction-associated molecule
NCBI Summary for CD322	This gene belongs to the immunoglobulin superfamily, and the junctional adhesion molecule (JAM) family. The protein encoded by this gene is a type I membrane protein that is localized at the tight junctions of both epithelial and endothelial cells. It acts as an adhesive ligand for interacting with a variety of immune cell types, and may play a role in lymphocyte homing to secondary lymphoid organs. Alternatively spliced transcript variants have been found for this gene. [provided by RefSeq, Jul 2012]

UniProt Comments for CD322	JAM2: May play a role in the processes of lymphocyte homing to secondary lymphoid organs. Belongs to the immunoglobulin superfamily. Protein type: Cell adhesion; Membrane protein, integral Chromosomal Location of Human Ortholog: 21q21.2 Cellular Component: tight junction; integral to plasma membrane; plasma membrane Molecular Function: protein binding; protein heterodimerization activity Biological Process: extracellular matrix organization and biogenesis; cell-cell adhesion; negative regulation of cell adhesion; blood coagulation; leukocyte migration
Research Articles on CD322	**1.** These data brought new evidences for the role of JAM2 and JAM3 in progression of gastric adenocarcinoma
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/polyclonal-human-antibody/cd322/4505544