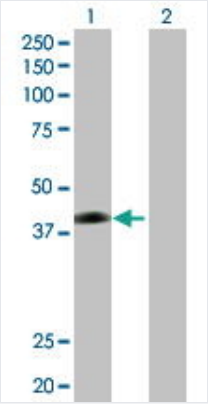
JAM2 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	JAM2, Polyclonal Antibody
Full Product Name	JAM2 (Junctional Adhesion Molecule B, JAM-B, Junctional Adhesion Molecule 2, JAM-2, Vascular Endothelial Junction-associated Molecule, VE-JAM,
Product Gene Name	anti-JAM2 antibody
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with R-Phycoerythrin (PE).
Purity/Purification	Purified by Protein A Affinity Chromatography.
Specificity	Recognizes human JAM2.
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
Molecular Weight	34,554 Da
OMIM	606870
3D Structure	ModBase 3D Structure for P57087
Immunogen	Full length human JAM2, aa1-298 (NP_067042.1).
Immunogen Sequence	MARRSRHRLLLLLLRYLVVALGYHKAYGFSAPKDQQVVTAVEYQEAILACKTPKKTVSSRLEWKKLGRSVSFVYYQQTLQGDFKNRAEMIDFNIRIKNVTR
Conjugate	PE
Note	Preservative Free
Product Categories/Family for anti-JAM2 antibody	Antibodies; JAM
Applications Tested/Suitable for anti-JAM2 antibody	Western Blot (WB)
Application Notes for anti-JAM2 antibody	Applications are based on unconjugated antibody.
Related Product Information for anti-JAM2 antibody	JAM-2 is a novel junctional adhesion molecule and a member of the immunoglobulin superfamily molecules. The JAM-2 transcript is highly expressed o
Other Notes	Small volumes of anti-JAM2 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessa

Searchable Terms for JAM2 purchase	MBS6383365 is an antibody targeting JAM2. Also known as JAM2 (Junctional Adhesion Molecule B, JAM-B, Junctional Adhesion Molecule 2, JAM-2, V



Western Blot (WB) of anti-JAM2 antibody
Western Blot analysis of JAM2 expression in transfected 293T cell line by JAM2 polyclonal antibody. Lane 1: JAM2 transfected lysate (33.2kD). Lane 2: Non-transfected lysate.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for JAM2. It may not necessarily be applicable to this product.

NCBI GI #	10864029
NCBI GeneID	58494
NCBI Accession #	NP_067042.1
UniProt Primary Accession #	P57087
UniProt Secondary Accession #	Q6UXG6; Q6YNC1; B2R6T9; B4DGT9
UniProt Related Accession #	P57087
GenBank Nucleotide #	NM_021219.2
NCBI Official Full Name	junctional adhesion molecule B isoform 1
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 JAM2	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 JAM2	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 JAM2	**1.** These data brought new evidences for the role of JAM2 and JAM3 in progression of gastric adenocarcinoma
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