Junctional Adhesion Molecule B (JAM2) ELISA Kit for Rabbit

PRODUCT OVERVIEW

Product Name	Junctional Adhesion Molecule B (JAM2), ELISA Kit
Full Product Name	Rabbit Junctional Adhesion Molecule B (JAM2) ELISA Kit
Product Gene Name	JAM2 elisa kit
Species Reactivity	Rabbit
Preparation and Storage	Store all reagents at 2-8 degree C
Molecular Weight	34,554 Da
OMIM	AF255910 mRNA
3D Structure	ModBase 3D Structure for P57087
Related Product Information for JAM2 elisa kit	MBS9397773 is a ready-to-use microwell, strip-or-full plate ELISA (enzyme-linked immunosorbent assay) Kit for analyzing the presence of the Junctional Adhesion Molecule B (JAM2) ELISA Kit target analytes in biological samples. The concentration gradients of the kit standards or positive controls render a theoretical kit detection range in biological research samples containing JAM2. The ELISA analytical biochemical technique of the MBS9397773 kit is based on JAM2 antibody-JAM2 antigen interactions (immunosorbency) and an HRP colorimetric detection system to detect JAM2 antigen targets in samples. The ELISA Kit is designed to detect native, not recombinant, JAM2. Appropriate sample types may include undiluted body fluids and/or tissue homogenates, secretions. Quality control assays assessing reproducibility identified the intra-assay CV (%) and inter-assay CV(%).
Other Notes	Small volumes of JAM2 elisa kit 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 JAM2. 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; VE-JAM; CD_antigen: CD322

Protein Family	Junctional adhesion molecule
UniProt Gene Name	JAM2
UniProt Synonym Gene Names	C21orf43; VEJAM; JAM-B; JAM-2; VE-JAM
NCBI Protein Information	junctional adhesion molecule B
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: 21q21.3 Cellular Component: bicellular tight junction; integral component of plasma membrane; plasma membrane Molecular Function: protein binding; protein heterodimerization activity Biological Process: extracellular matrix organization; leukocyte migration; negative regulation of cell adhesion
Research Articles on JAM2	**1.** this review briefly focuses on what is currently known about the structure, function, and mechanism of JAM-B, with particular emphasis on cancer. [review]
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