JAM3 rabbit monoclonal antibody

Catalog # H00083700-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human JAM3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human JAM3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human JAM3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — JAM3

Entrez GeneID	83700
GeneBank Accession#	JAM3
Gene Name	JAM3
Gene Alias	FLJ14529, JAM-C, JAMC
Gene Description	junctional adhesion molecule 3
Omim ID	606871
Gene Ontology	Hyperlink
Gene Summary	Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is localized in the tight junctions between high endothelial cells. Unlike other proteins in this family, the this protein is unable to adhere to leukocyte cell lines and only forms weak homotypic interactions. The encoded protein is a member of the junctional adhesion molecule protein family and acts as a receptor for another member of this family. [provided by RefSeq
Other Designations	junctional adhesion molecule C

Pathway

- Cell adhesion molecules (CAMs)
- Epithelial cell signaling in Helicobacter pylori infection
- Leukocyte transendothelial migration
- Tight junction

Disease

- Bipolar Disorder
- Cardiovascular Diseases

- Diabetes Mellitus
- Edema