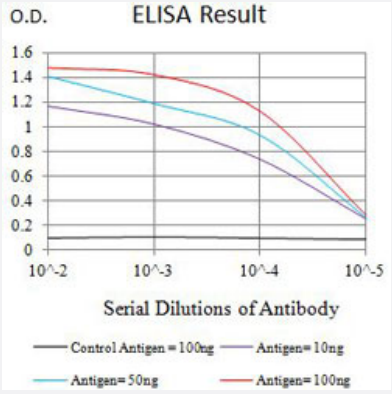
JAM2 monoclonal antibody, clone 6G1A11

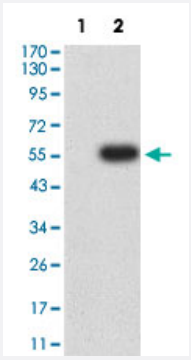
Catalog # MAB21415 Size 100 ug

Applications



Enzyme-linked Immunoabsorbent Assay

ELISA analysis with JAM2 monoclonal antibody, clone 6G1A11 (Cat # MAB21415).



Western Blot (Transfected lysate)

Western Blot analysis of Lane 1: HEK293 and Lane 2: JAM2-hIgGFc transfected HEK293 cell lysates with JAM2 monoclonal antibody, clone 6G1A11 (Cat # MAB21415).

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human JAM2.
Immunogen	Recombinant protein corresponding to amino acids 29-238 of human JAM2.
Host	Mouse
Theoretical MW (kDa)	33.2
Reactivity	Human
Form	Liquid

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Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Flow Cytometry
- Enzyme-linked Immunoabsorbent Assay

  ELISA analysis with JAM2 monoclonal antibody, clone 6G1A11 (Cat # MAB21415).
- Western Blot (Transfected lysate)

  Western Blot analysis of Lane 1: HEK293 and Lane 2: JAM2-hIgGFc transfected HEK293 cell lysates with JAM2 monoclonal antibody, clone 6G1A11 (Cat # MAB21415).

Gene Info — JAM2

Entrez GeneID	58494
Protein Accession#	P57087
Gene Name	JAM2
Gene Alias	C21orf43, CD322, JAM-B, JAMB, PRO245, VE-JAM, VEJAM
Gene Description	junctional adhesion molecule 2
Omim ID	606870
Gene Ontology	Hyperlink

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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. 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. [provided by RefSeq
Other Designations	JAM-IT/VE-JAM|OTTHUMP00000096100|junctional adhesion molecule B|vascular endothelial junction-associated molecule

Pathway

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

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