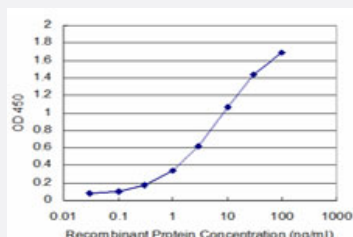


JAM3 monoclonal antibody (M01), clone 1D3

Catalog # H00083700-M01

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged JAM3 is approximately 0.1ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant JAM3.
Immunogen	JAM3 (NP_116190, 82 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	SNRTPVVQEFESVELSCIITDSQTS DPRIEWKKIQDEQTTYVFFDNKIQGDLAGRAEILGKTS LKWNVTRRDSALYRCEVVARNDRKEIDEMIET*
Host	Mouse
Reactivity	Human
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged JAM3 is approximately 0.1ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — JAM3

Entrez GeneID [83700](#)

GeneBank Accession# [NM_032801](#)

Protein Accession# [NP_116190](#)

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, 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](#)