

**JAM3 Antibody (monoclonal) (M01)**

Mouse monoclonal antibody raised against a partial recombinant JAM3.

Catalog # AT2579a

**Specification**

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**JAM3 Antibody (monoclonal) (M01) - Product Information**

Application	E
Primary Accession	<a href="#">Q9BX67</a>
Other Accession	<a href="#">NM_032801</a>
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG2a Kappa
Calculated MW	35020

**JAM3 Antibody (monoclonal) (M01) - Additional Information**

**Gene ID** 83700

**Other Names**

Junctional adhesion molecule C, JAM-C, JAM-2, Junctional adhesion molecule 3, JAM-3, JAM3

**Target/Specificity**

JAM3 (NP\_116190, 82 a.a. ~ 180 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

**Format**

Clear, colorless solution in phosphate buffered saline, pH 7.2 .

**Storage**

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

**Precautions**

JAM3 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

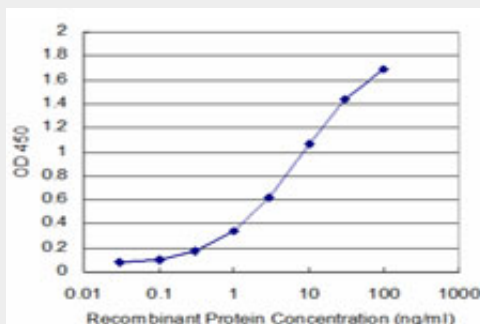
**JAM3 Antibody (monoclonal) (M01) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)

- [Cell Culture](#)

## JAM3 Antibody (monoclonal) (M01) - Images



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

## JAM3 Antibody (monoclonal) (M01) - Background

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.

## JAM3 Antibody (monoclonal) (M01) - References

Variation at the NFATC2 Locus Increases the Risk of Thiazolinedinedione-Induced Edema in the Diabetes REduction Assessment with ramipril and rosiglitazone Medication (DREAM) Study. Bailey SD, et al. Diabetes Care, 2010 Jul 13. PMID 20628086. Junctional adhesion molecule-C is a soluble mediator of angiogenesis. Rabquer BJ, et al. J Immunol, 2010 Aug 1. PMID 20592283. Constitutive and functionally relevant expression of JAM-C on platelets. Erpenbeck L, et al. Thromb Haemost, 2010 Mar 31. PMID 20135068. Gene-centric association signals for lipids and apolipoproteins identified via the HumanCVD BeadChip. Talmud PJ, et al. Am J Hum Genet, 2009 Nov. PMID 19913121. JAM-C induces endothelial cell permeability through its association and regulation of  $\beta_3$  integrins. Li X, et al. Arterioscler Thromb Vasc Biol, 2009 Aug. PMID 19461049.