

Junctional Adhesion Molecule 1 Conjugated Antibody

Catalog No: #C49009



Package Size: #C49009-AF350 100ul #C49009-AF405 100ul #C49009-AF488 100ul #C49009-AF555 100ul #C49009-AF594 100ul #C49009-AF647 100ul #C49009-AF680 100ul #C49009-AF750 100ul #C49009-Biotin 100ul #C49009-Conjugated 50ul

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Description

Product Name	Junctional Adhesion Molecule 1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Applications	WB, IF
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	CD 321 antibody CD321 antibody CD321 antigen antibody ESTM33 antibody F11 receptor antibody F11R antibody JAM 1 antibody JAM A antibody JAM antibody JAM-1 antibody JAM-A antibody JAM1 antibody JAM1_HUMAN antibody JAMA antibody JCAM antibody Jcam1 antibody Junction adhesion molecule 1 antibody Junction adhesion molecule, mouse, homolog of antibody Junctional adhesion molecule 1 antibody Junctional adhesion molecule A antibody KAT antibody Ly106 antibody PAM 1 antibody PAM-1 antibody PAM1 antibody Platelet adhesion molecule 1 antibody Platelet adhesion molecule antibody Platelet F11 receptor antibody PRO301 antibody UNQ264 antibody
Accession No.	Swiss-Prot#:Q9Y624
Calculated MW	33 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF:1:50-1:200

Background

Junctional adhesion molecule (JAM) is a member of the immunoglobulin superfamily expressed in tight junctions of epithelial cells and endothelial cells. It is implicated in transendothelial migration of leukocytes. JAM is constitutively expressed on circulating monocytes, neutrophils, lymphocyte subsets and platelets. The JAM family consists of JAM-A, JAM-B and JAM-C, alternatively designated JAM-1, JAM-2 and JAM-3, respectively. JAM-A localizes with F-Actin at the cell-cell contacts and at the membrane ruffles. It is involved in cell to cell adhesion through homophilic interactions and plays a role in the organization of tight junctions and modulation of leukocyte extravasation. JAM-B interacts with discrete subsets of PBLs, suggesting that it may play a role in lymphocyte trafficking. JAM-B and JAM-C proteins are binding partners; JAM-C may be a functional JAM-B receptor. Specifically, JAM-B adheres to T cells through heterotypic interactions with JAM-C. The JAM-B/JAM-C interaction may play a role in T, NK and dendritic cellular inflammation.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.