10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

Junctional Adhesion Molecule 1 Rabbit mAb

Catalog # AP75641

Specification

Junctional Adhesion Molecule 1 Rabbit mAb - Product Information

Application	**WB, IHC-P**
Primary Accession	Q9Y624
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Monoclonal Antibody**
Calculated MW	**32583**

Junctional Adhesion Molecule 1 Rabbit mAb - Additional Information

Gene ID 50848

Other Names
F11R

Dilution
WB~~1/500-1/1000
IHC-P~~N/A

Format
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.

Storage
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Junctional Adhesion Molecule 1 Rabbit mAb - Protein Information

Name F11R

Synonyms JAM1, JCAM

Function
Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3 (PubMed:11489913). The association of the PARD6-PARD3 complex may prevent the interaction of PARD3 with JAM1, thereby preventing tight junction assembly (By similarity). Plays a role in regulating monocyte transmigration involved in integrity of epithelial barrier (By similarity). Ligand for integrin alpha-L/beta-2 involved in memory T- cell and neutrophil transmigration (PubMed:11812992). Involved in platelet activation (PubMed:10753840).

Cellular Location
Cell junction, tight junction. Cell membrane; Single-pass type I membrane protein. Note=Localized

at tight junctions of both epithelial and endothelial cells.

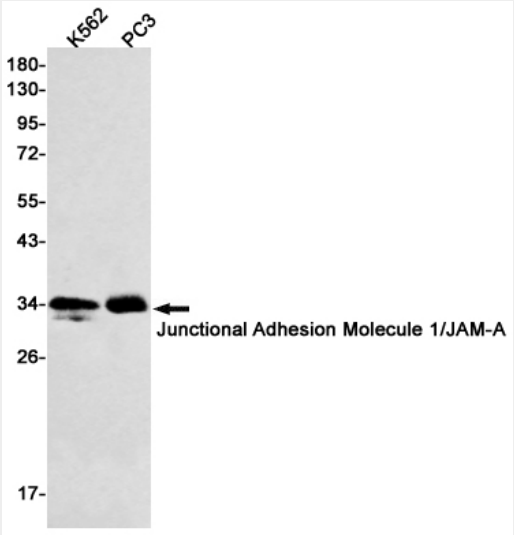
Tissue Location
Expressed in endothelium, epithelium and leukocytes (at protein level).

Junctional Adhesion Molecule 1 Rabbit mAb - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Junctional Adhesion Molecule 1 Rabbit mAb - Images



10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999