

**Junctional Adhesion Molecule 1 Rabbit mAb**  
**Catalog # AP76557****Specification**

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**Junctional Adhesion Molecule 1 Rabbit mAb - Product Information**

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|-------------------|------------------------|
| Application       | WB, IP, ICC            |
| Primary Accession | <a href="#">Q9Y624</a> |
| 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  
IP~~N/A  
ICC~~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:<a href="http://www.uniprot.org/citations/11489913" target="\_blank">11489913</a>). 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:<a href="http://www.uniprot.org/citations/11812992" target="\_blank">11812992</a>). Involved in platelet activation (PubMed:<a href="http://www.uniprot.org/citations/10753840" target="\_blank">10753840</a>).**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 Cytometry](#)
- [Cell Culture](#)

**Junctional Adhesion Molecule 1 Rabbit mAb - Images**

