10320 Camino Santa Fe, Suite G
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Tel: 858.875.1900 Fax: 858.875.1999

Anti-JAM1 Rabbit Monoclonal Antibody

Catalog # ABO13404

Specification

Anti-JAM1 Rabbit Monoclonal Antibody - Product Information

Application	**WB, IHC**
Primary Accession	Q9Y624
Host	**Rabbit**
Isotype	**Rabbit IgG**
Reactivity	**Rat, Human, Mouse**
Clonality	**Monoclonal**
Format	**Liquid**

Description
Anti-JAM1 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Anti-JAM1 Rabbit Monoclonal Antibody - Additional Information

Gene ID 50848

Other Names
Junctional adhesion molecule A, JAM-A, Junctional adhesion molecule 1, JAM-1, Platelet F11 receptor, Platelet adhesion molecule 1, PAM-1, CD321, F11R, JAM1, JCAM

Calculated MW
32583 MW KDa

Application Details
WB 1:500-1:2000
IHC 1:50-1:200

Subcellular Localization
Cell junction, tight junction. Cell membrane ; Single-pass type I membrane protein. Localized at tight junctions of both epithelial and endothelial cells.

Contents
Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen
A synthesized peptide derived from human JAM1

Purification
Affinity-chromatography

Storage	**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

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Anti-JAM1 Rabbit Monoclonal Antibody - 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).

Anti-JAM1 Rabbit Monoclonal Antibody - 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

Anti-JAM1 Rabbit Monoclonal Antibody - Images

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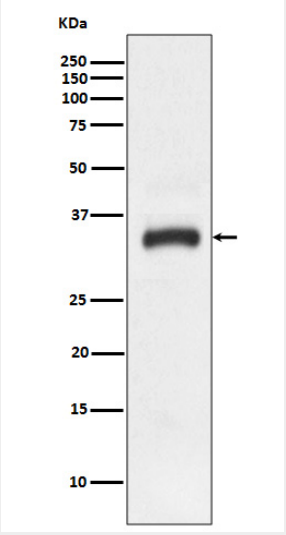
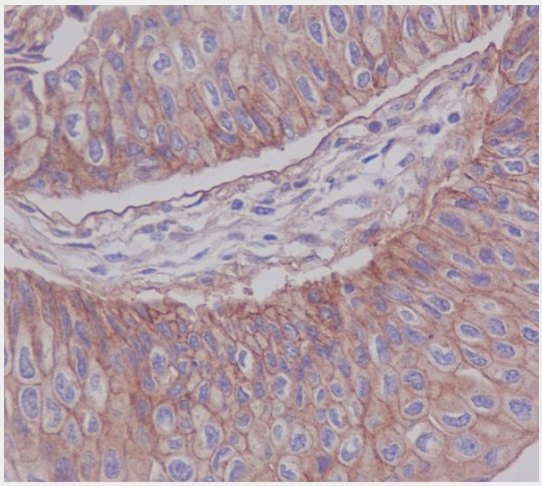


Western blot analysis of JAM1 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human blader cancer, using JAM1 Antibody.