

Anti-JAM1 Rabbit Monoclonal Antibody

Catalog # ABO13404

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.

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
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.
Source	Eukaryota
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.
Clone Names	Clone: FOH-6
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.

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](#)).

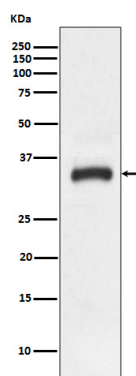
Cellular Location

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

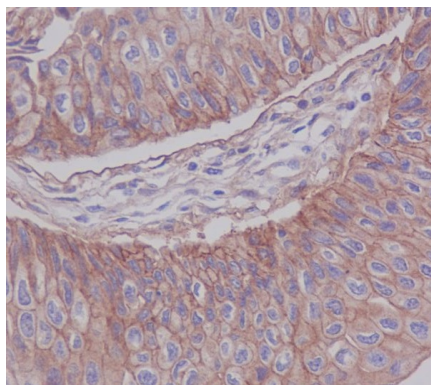
Tissue Location

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

Images



Western blot analysis of JAM1 expression in HeLa cell lysate.



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.