

Mouse anti-Human Junctional Adhesion Molecule 1 Monoclonal Antibody | anti-JAM-1 antibody

Junctional Adhesion Molecule 1 (JAM-1, CD321, F11 Receptor, F11R, Junctional Adhesion Molecule A, JAMA, JCAM, KAT, Platelet Adhesion Molecule 1, PAM1, Platelet F11 Receptor, UNQ264/PRO301) (AP)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA24250	Mouse	Human	ELISA, Immunohistochemistry, Western Blot

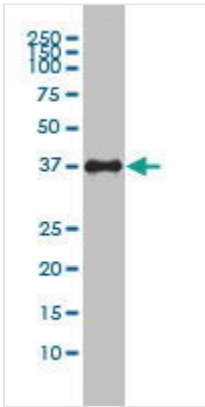
PRODUCT SYNONYMS

Junctional Adhesion Molecule 1; Monoclonal Antibody; Junctional Adhesion Molecule 1 (JAM-1; CD321; F11 Receptor; F11R; Junctional Adhesion Molecule A; JAMA; JCAM; KAT; Platelet Adhesion Molecule 1; PAM1; Platelet F11 Receptor; UNQ264/PRO301) (AP); anti-JAM-1 antibody

PRODUCT SPECIFICATIONS

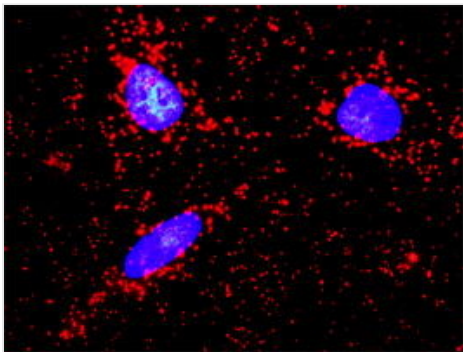
Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1,k
Clone Number	2E3-1C8
Specificity	Recognizes human F11R.
Purity/Purification	Purified by Protein A Affinity Chromatography.
Form/Format	Supplied as a liquid in PBS, pH 7.2. No preservative added. Labeled with Alkaline Phosphatase (AP).
Applicable Applications for anti-JAM-1 antibody	ELISA, IHC (Immunohistochemistry), WB (Western Blot)
Application Notes	IHC-P: 1ug/ml Applications are based on unconjugated antibody.
Immunogen	Full length recombinant corresponding to aa1-300 from human F11R (AAH01533) with GST tag. MW of the GST tag alone is 26kD.
Immunogen Sequence	MGTKAQVERKLLCLFILAILLCSLALGVS TVHSSEPEVRIPENNPVKLS CAYSGFSSPRVEWKFDQGD TTRLVCYNNKITASYEDRV TFLPTGITFKSVTRE
Conjugate	AP
Preparation and Storage	Store product at 4 degree C. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amount only prior to use.

IMAGES



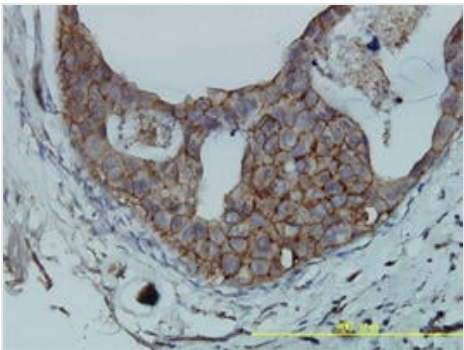
WB (Western Blot)

F11R monoclonal antibody, Western Blot analysis of F11R expression in HepG2.



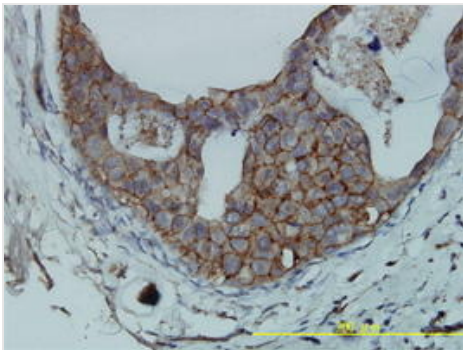
Application Data

Proximity Ligation Analysis (PLA) of protein-protein interactions between PRKCZ and F11R. HeLa cells were stained with PRKCZ rabbit purified polyclonal 1:1200 and F11R mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained with DAPI (blue). Each red dot represents the detection of protein-protein interaction complex.



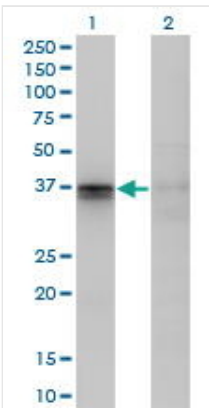
Application Data

Detection limit for recombinant GST tagged F11R is ~0.1ng/ml as a capture antibody.



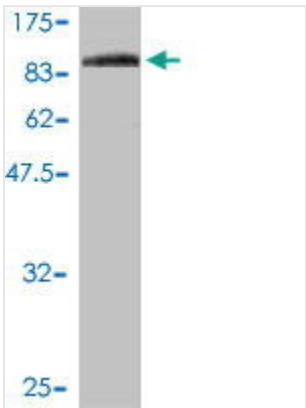
IHC (Immunohistochemistry)

Immunoperoxidase of monoclonal antibody to F11R on formalin-fixed paraffin-embedded human breast cancer tissue. [antibody concentration 1ug/ml].



WB (Western Blot)

Western Blot analysis of F11R expression in transfected 293T cell line by F11R monoclonal antibody. Lane 1: F11R transfected lysate (32.6kD). Lane 2: Non-transfected lysate.



WB (Western Blot)

Western Blot detection against Immunogen (59kD).

ADDITIONAL INFORMATION

Product Categories/Family for anti-JAM-1 antibody	Antibodies; JAM
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NCBI AND UNIPROT INFORMATION

NCBI GI #	34783103
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NCBI GeneID	50848
Molecular Weight	27,208 Da
NCBI Official Full Name	Homo sapiens F11 receptor, mRNA
NCBI Official Synonym Full Names	F11 receptor
NCBI Official Symbol	F11R
NCBI Official Synonym Symbols	JAM; KAT; JAM1; JAMA; JCAM; CD321; PAM-1
NCBI Protein Information	junctional adhesion molecule A

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/junctional-adhesion-molecule-1-antibody-clone-2e3-1c8-immunohistochemistry-western-blot-elisa/24250>