

## 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) APC

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                              |
|-----------|-------|------------|-------------------------------------------|
| AAA24546  | Mouse | Human      | ELISA, Immunohistochemistry, Western Blot |

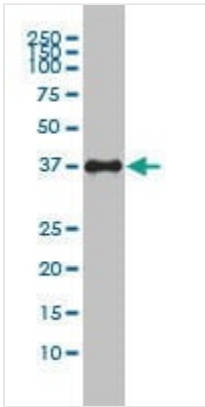
### PRODUCT SYNONYMS

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) APC; anti-JAM-1 antibody

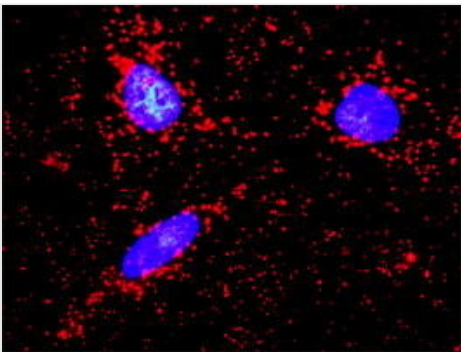
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                      |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 Allophycocyanin (APC).                                                      |
| Applicable Applications for anti-JAM-1 antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)                                                                                                 |
| Application Notes                               | IHC-P: 1ug/ml<br>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                              | MGTKAQVERKLLCLFILAILLCSLALGSVTVHSSEPEVRIPENNPVKLSLAYSGFSSPRVEWKFDQGDTTTRLVCYNNKITASYEDRVTFLLPTGITFKSVTRE                                             |
| Conjugate                                       | APC                                                                                                                                                  |
| Preparation and Storage                         | Store product at 4 degree C in the dark. DO NOT FREEZE! Stable at 4 degree C for 12 months after receipt as an undiluted liquid. Dilute required amo |

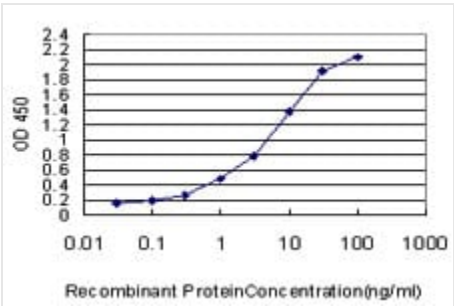
IMAGES



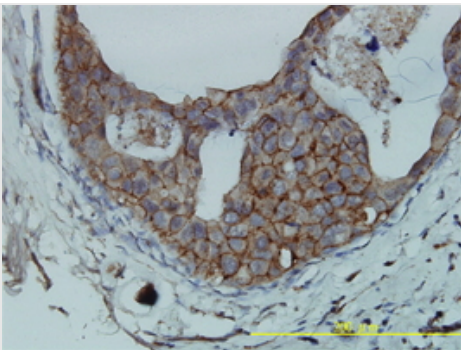
**WB (Western Blot)**  
F11R monoclonal antibody, Western Blot analysis of F11R expression in HepG2.



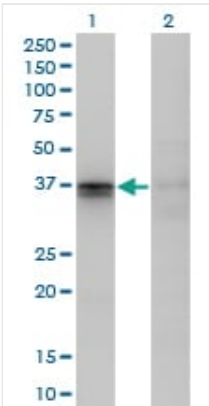
**Application Data**  
Proximity Ligation Analysis (PLA) of protein-protein interactions between PRKCZ and F11R. HeLa cells were stained with PRKCZ rabbit purified polyclonal 1:1200 and F11R mouse monoclonal antibody 1:50. Signals were detected 30 Detection Kit 613 (red), and nuclei were counterstained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



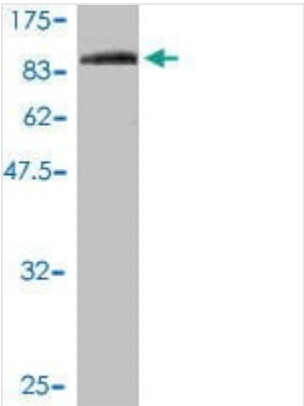
**Application Data**  
Detection limit for recombinant GST tagged F11R is ~0.1ng/ml as a capture antibody.



**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 |
|---------------------------------------------------|-----------------|

NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 34783103 |
|-----------|----------|

|                                  |                                          |
|----------------------------------|------------------------------------------|
| 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/junctional-adhesion-molecule-1-antibody-clone-2e3-1c8-immunohistochemistry-western-blot-elisa/24546>