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# JAM-A/CD321/F11R Rabbit mAb

**Catalog No.: A22758** Recombinant

## Basic Information

**Observed MW**
36kDa

**Calculated MW**
33kDa

**Category**
Primary antibody

**Applications**
ELISA,WB,IF/ICC

**Cross-Reactivity**
Human

**CloneNo number**
ARC53963

## Background

Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin superfamily gene member is an important regulator of tight junction assembly in epithelia. In addition, the encoded protein can act as (1) a receptor for reovirus, (2) a ligand for the integrin LFA1, involved in leukocyte transmigration, and (3) a platelet receptor. Multiple 5' alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established.

## Recommended Dilutions

| | |
|---|---|
| **WB** | 1:2000 - 1:9000 |
| **IF/ICC** | 1:50 - 1:200 |

## Immunogen Information

**Gene ID**
50848

**Swiss Prot**
Q9Y624

**Immunogen**
Recombinant protein of human JAM-A/CD321/F11R.

**Synonyms**
JAM; KAT; JAM1; JAMA; JCAM; CD321; PAM-1; JAM-A/CD321/F11R

## Contact


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## Product Information

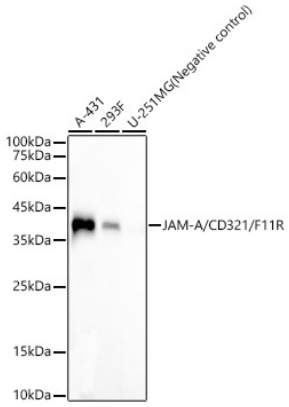
**Source**
Rabbit

**Isotype**
IgG

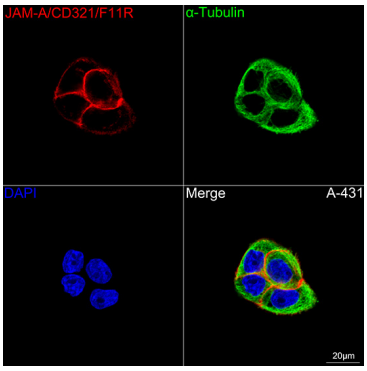
**Purification**
Affinity purification

**Storage**
Store at -20℃. Avoid freeze / thaw cycles.
Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data




Western blot analysis of various lysates, using JAM-A/CD321/F11R Rabbit mAb (A22758) at 1:8000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 90s.




Confocal imaging of A-431 cells using JAM-A/CD321/F11R Rabbit mAb (A22758, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with α-Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.