

## Product Datasheet

# JAM1 Antibody

Catalog No: CY5635

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC



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### Information

**UniProt ID:** Q9Y624

**All Names:** F11R;CD321;JAM;JAM-1;JAM-A;JAM1;JAMA;JCAM;KAT;PAM-1;Junction adhesion molecule 1;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 33 kDa

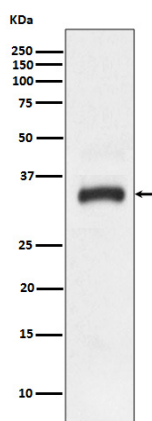
### Application

WB: 1:500~1:2000

IHC: 1:50~1:200

### Background

Seems to play a role in epithelial tight junction formation. Appears early in primordial forms of cell junctions and recruits PARD3. 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. Involved in platelet activation. In case of orthoreovirus infection, serves as receptor for the virus.



Western blot analysis of JAM1 expression in HeLa cell lysate.

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