

## Product datasheet for **TA327021S**

### Junctional Adhesion Molecule 1 (F11R) Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB 1:500 - 1:2000
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Recombinant protein of human F11R
Formulation:	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	F11 receptor
Database Link:	<a href="#">NP_058642</a> <a href="#">Entrez Gene 16456 Mouse</a> <a href="#">Entrez Gene 116479 Rat</a> <a href="#">Entrez Gene 50848 Human</a> <a href="#">Q9Y624</a>

**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 a receptor for reovirus, a ligand for the integrin LFA1, involved in leukocyte transmigration, and a platelet receptor. Multiple 5 alternatively spliced variants, encoding the same protein, have been identified but their biological validity has not been established. [provided by RefSeq, Jul 2008]

**Synonyms:** CD321; JAM; JAM1; JAMA; JCAM; KAT; PAM-1

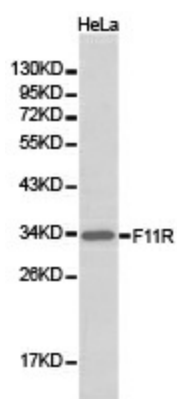
**Protein Families:** Druggable Genome, Transmembrane



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**Protein Pathways:** Cell adhesion molecules (CAMs), Epithelial cell signaling in Helicobacter pylori infection, Leukocyte transendothelial migration, Tight junction

**Product images:**



Western blot analysis of HeLa cell lysate using F11R antibody.