

## Product datasheet for **TA350102**

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

#### Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB: 500-2000 WB positive control: K562 cells and human kidney cancer tissue, 293T and HepG2 cells IHC: 50-200 Positive control: Human liver cancer Predicted cell location: Cytoplasm
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Fusion protein of human F11R
Formulation:	pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	F11 receptor
Database Link:	<a href="#">NP_653087</a> <a href="#">Entrez Gene 50848 Human</a> <a href="#">Q9Y624</a>



[View online »](#)

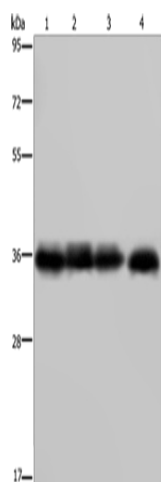
**Background:** Tight junctions represent one mode of cell-to-cell adhesion in epithelial or endothelial cell sheets, forming continuous seals around cells and serving as a physical barrier to prevent solutes and water from passing freely through the paracellular space. The protein encoded by this immunoglobulin 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.

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

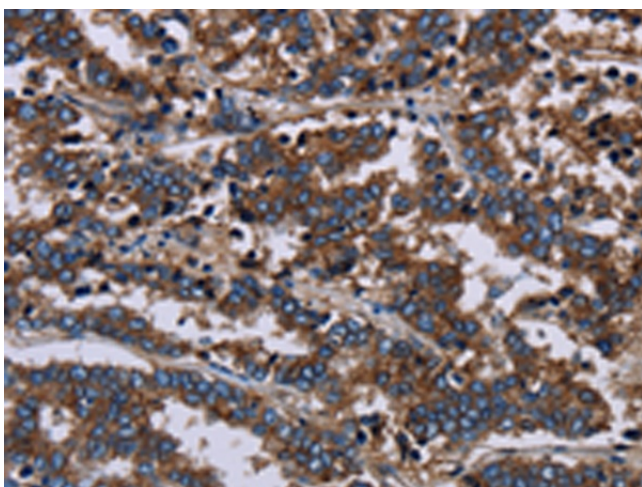
**Protein Families:** Druggable Genome, Transmembrane

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

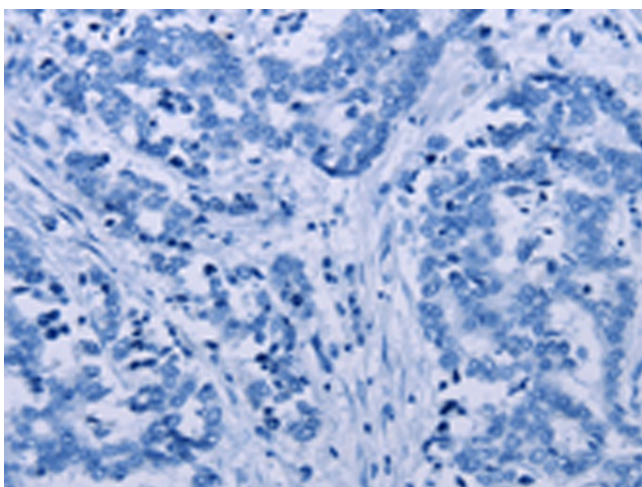
### Product images:



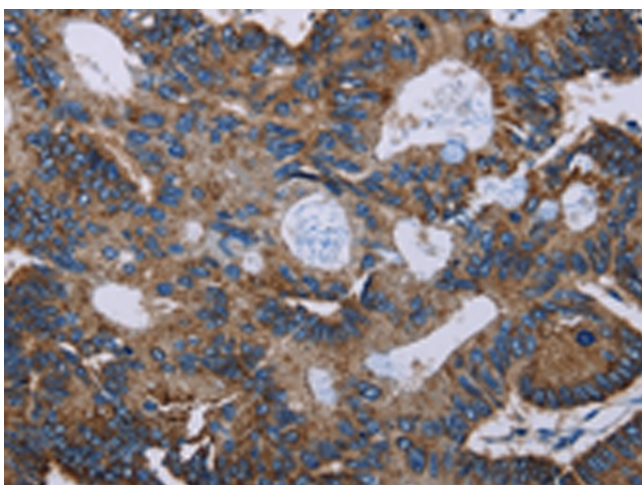
Gel: 8%SDS-PAGE  
Lysate: 40 µg  
Lane 1-4: K562 cells  
human kidney cancer tissue  
293T cells  
HepG2 cells  
Primary antibody: TA350102 (F11R Antibody) at dilution 1/600  
Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution  
Exposure time: 5 seconds



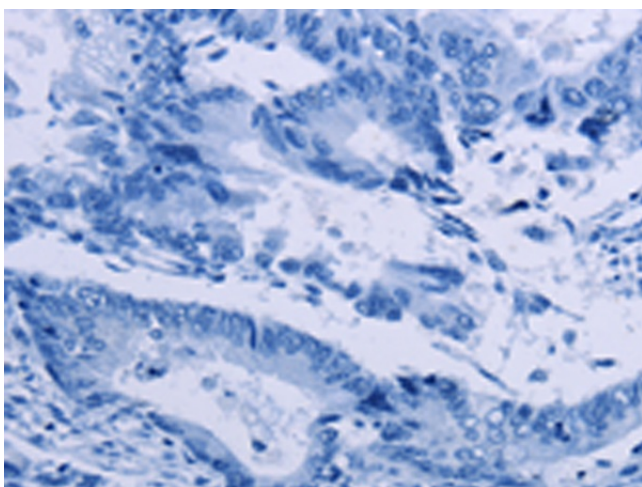
Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350102 (F11R Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human liver cancer tissue using TA350102 (F11R Antibody) at dilution 1/60, treated with fusion protein. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350102 (F11R Antibody) at dilution 1/60 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA350102 (F11R) Antibody at dilution 1/60, treated with fusion protein. (Original magnification: x200)