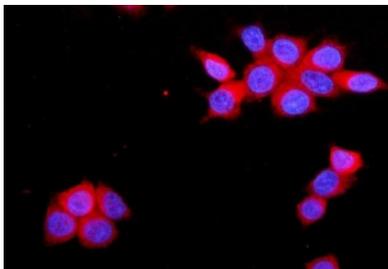


F11R Antibody / JAM-A (RQ5813)

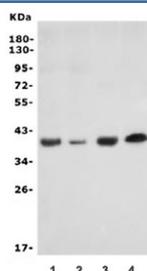
Catalog No.	Formulation	Size
RQ5813	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

[Bulk quote request](#)

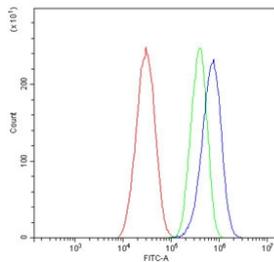
Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	Q9Y624
Applications	Western Blot : 0.5-1ug/ml Immunofluorescence : 2-4ug/ml Flow Cytometry : 1-3ug/million cells
Limitations	This F11R antibody is available for research use only.



Immunofluorescent staining of FFPE human MCF7 cells with F11R antibody (red) and DAPI nuclear stain (blue). HIER: steam section in pH6 citrate buffer for 20 min.



Western blot testing of human 1) placenta, 2) Caco-2, 3) MDA-MB-453 and 4) HepG2 lysate with F11R antibody. Expected molecular weight: 35~43kDa depending on glycosylation level.



Flow cytometry testing of human HepG2 cells with F11R antibody at 1ug/million cells (blocked with goat sera); Red=cells alone, Green=isotype control, Blue= F11R antibody.

Description

Junctional adhesion molecule A is a protein that in humans is encoded by the F11R gene. 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.

Application Notes

Optimal dilution of the F11R antibody should be determined by the researcher.

Immunogen

Amino acids RVEWKFDQGDTRLVCYNNK from the human protein were used as the immunogen for the F11R antibody.

Storage

After reconstitution, the F11R antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.