

For Research Use Only

Mouse JAM-A/CD321 Recombinant antibody, PBS Only

Catalog Number: 86229-1-PBS



Basic Information

| | | | | | |
|---------------------------|-------------|---------------------------|--------------|----------------------|------------------------|
| Catalog Number: | 86229-1-PBS | GenBank Accession Number: | NM_172647.2 | Purification Method: | Protein A purification |
| Concentration: | 1 mg/ml | GenID (NCBI): | 16456 | CloneNo.: | 250060H5 |
| Source: | Rabbit | UNIPROT ID: | O88792 | | |
| Isotype: | IgG | Full Name: | F11 receptor | | |
| Immunogen Catalog Number: | EG3117 | Calculated MW: | 32 kDa | | |
| | | Observed MW: | 33 kDa | | |

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

Junctional Adhesion Molecule-A (JAM-A), also known as CD321 or F11R, is a transmembrane glycoprotein belonging to the immunoglobulin superfamily. It is primarily located in the tight junctions of epithelial and endothelial cells and is also expressed on circulating platelets and leukocytes (PMID: 34533648). Targeting F11R/JAM-A with monoclonal antibodies or peptide antagonists has shown promise in inhibiting tumor growth and metastasis in mouse models (PMID: 37563645).

Storage

Storage:
Store at -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C
Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

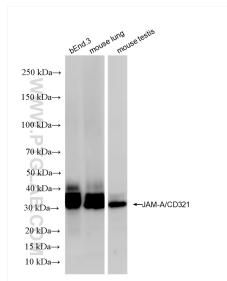
T: 4006900926

E: Proteintech-CN@ptglab.com

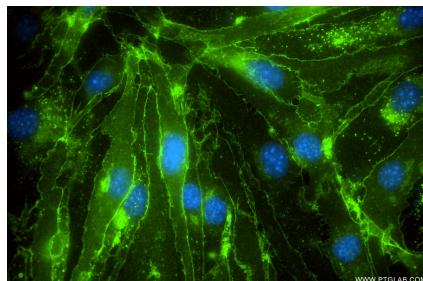
W: ptgcn.com

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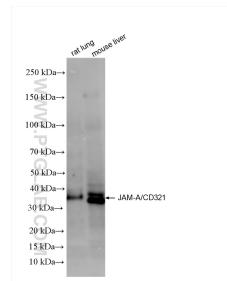
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86229-1-RR (F11r(CD321) antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86229-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed bEnd.3 cells using JAM-A/CD321 antibody (86229-1-RR, Clone: 250060H5) at dilution of 1:800 and Coralite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 86229-1-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 86229-1-RR (F11r(CD321) antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86229-1-PBS in a different storage buffer formulation.