

For Research Use Only

JAM-A/CD321 Recombinant antibody

Catalog Number: 86229-1-RR



Basic Information

Catalog Number:

86229-1-RR

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG3117

GenBank Accession Number:

NM_172647.2

GeneID (NCBI):

16456

UNIPROT ID:

O88792

Full Name:

F11 receptor

Calculated MW:

32 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

250060H5

Recommended Dilutions:

WB: 1:1000-1:8000

IF/ICC: 1:400-1:1600

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : bEnd.3 cells, rat lung tissue, mouse lung tissue,
mouse testis tissue, mouse liver tissue

IF/ICC : bEnd.3 cells,

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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

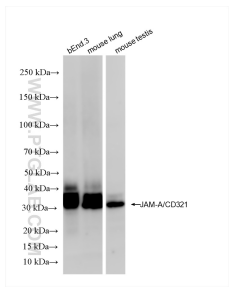
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E: Proteintech-CN@ptglab.com

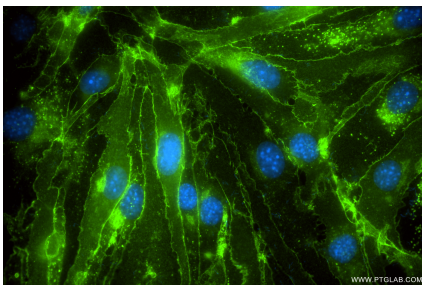
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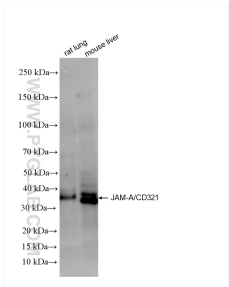
Selected Validation Data



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.



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).



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.