

For Research Use Only

# JAM-A/CD321 Polyclonal antibody

Catalog Number: 32747-1-AP



## Basic Information

Catalog Number:

32747-1-AP

Size:

150ul , Concentration: 450 µg/ml by Nanodrop;

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:

Antigen affinity Purification

Recommended Dilutions:

WB 1:2000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

mouse, rat

Positive Controls:

WB : mouse liver tissue, mouse lung tissue, rat lung tissue

## Background Information

F11R, also known as Junctional Adhesion Molecule-A (JAM-A), 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

\*\*\* 20ul sizes contain 0.1% BSA

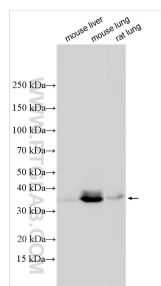
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 32747-1-AP (JAM-A/CD321 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.