

For Research Use Only

JAM-A/CD321 Recombinant antibody

Catalog Number: 86229-1-RR



Basic Information

Catalog Number:	86229-1-RR	GenBank Accession Number:	NM_172647.2	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	16456	CloneNo.:	250060H5
Source:	Rabbit	UNIPROT ID:	O88792	Recommended Dilutions:	WB: 1:1000-1:8000 IF/ICC: 1:400-1:1600
Isotype:	IgG	Full Name:	F11 receptor		
Immunogen Catalog Number:	EG3117	Calculated MW:	32 kDa		
		Observed MW:	33 kDa		

Applications

Tested Applications:	WB, IF/ICC, ELISA	Positive Controls:	WB: bEnd.3 cells, rat lung tissue, mouse lung tissue, mouse testis tissue, mouse liver tissue
Species Specificity:	mouse, rat	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

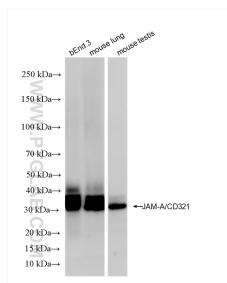
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

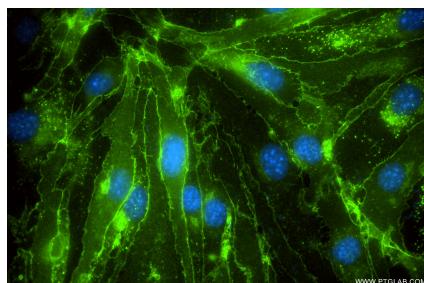
For technical support and original validation data for this product please contact:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
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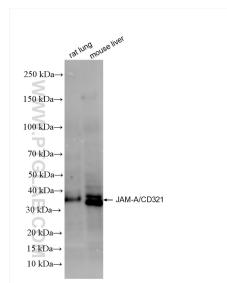
Selected Validation Data



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.