

For Research Use Only



CoraLite® Plus 488-conjugated JAM-A/CD321 Recombinant monoclonal antibody

Catalog Number: CL488-86229

Basic Information

Catalog Number:	CL488-86229	GenBank Accession Number:	NM_172647.2	Purification Method:	Protein A purification
Source:	Rabbit	GenID (NCBI):	16456	CloneNo.:	250060H5
Isotype:	IgG	UNIPROT ID:	Q88792	Recommended Dilutions:	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	EG3117	Full Name:	F11 receptor	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
		Calculated MW:	32 kDa		
		Observed MW:	33 kDa		

Applications

Tested Applications:	IF/ICC	Positive Controls:
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. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3
Aliquoting is unnecessary for -20°C storage

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

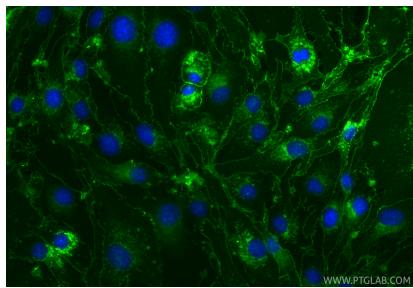
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed bEnd.3 cells using CoraLite® Plus 488 JAM-A/CD321 antibody (CL488-86229, Clone: 250060H5) at dilution of 1:200.