

For Research Use Only



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

Catalog Number: CL488-86229

Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86229	NM_172647.2	Protein A purification
Size:	GenID (NCBI):	CloneNo.:
100μl, Concentration: 1000 ug/ml by Nanodrop;	16456	250060H5
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	088792	IF/ICC: 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima
IgG	F11 receptor	wavelengths:
Immunogen Catalog Number:	Calculated MW:	493 nm / 522 nm
EG3117	32 kDa	
	Observed MW:	
	33 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC: bEnd.3 cells,
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).

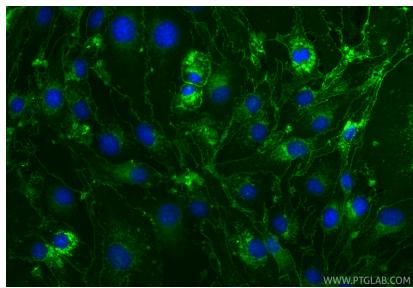
Storage

Storage:
Store at -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:
T: 1(888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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.