

For Research Use Only



CoraLite® Plus 488-conjugated L1CAM/CD171 Recombinant monoclonal antibody

Catalog Number: CL488-86305-2

Basic Information

Catalog Number: CL488-86305-2	GenBank Accession Number: N/A	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 16728	CloneNo.: 250101C11
Source: Rabbit	UNIPROT ID: P11627	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: L1 cell adhesion molecule	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: EG3022	Calculated MW: 141 kDa	
	Observed MW: 210-250 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : Neuro-2a cells,
Species Specificity: mouse, rat	

Background Information

L1CAM, also known as NCAM-L1 or CD171, is a cell adhesion molecule of the immunoglobulin superfamily. It is a 200-220 kDa transmembrane glycoprotein composed of six Ig-like domains and five fibronectin type III repeats followed by a transmembrane region and a highly conserved cytoplasmic tail (PMID: 3412448; 22796939). L1CAM is primarily expressed in the nervous system and is involved in neuron-neuron adhesion, neurite fasciculation, outgrowth of neurites, cerebellar granule cell migration, neurite outgrowth on Schwann cells and interactions among epithelial cells of intestinal crypts (PMID: 3412448; 10767310).

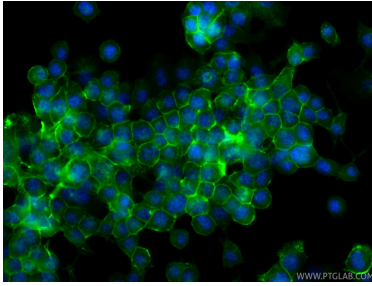
Storage

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
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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 (-20°C Ethanol)
fixed Neuro-2a cells using CoraLite® Plus 488
L1CAM/CD171 antibody (CL488-86305-2, Clone:
250101C11) at dilution of 1:200.