

For Research Use Only

CoraLite® Plus 488-conjugated L1CAM Recombinant antibody

Catalog Number:CL488-84034-5



Basic Information

Catalog Number: CL488-84034-5	GenBank Accession Number: BC126229	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3897	CloneNo.: 240978A7
Source: Rabbit	UNIPROT ID: P32004	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG	Full Name: L1 cell adhesion molecule	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
	Calculated MW: 1257 aa, 140 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : SH-SY5Y cells,
Species Specificity: human	

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). L1CAM is overexpressed in many human cancers and is often associated with bad prognosis (PMID: 27267927; 26111503).

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, pH 7.3.
Aliquoting is unnecessary for -20°C storage

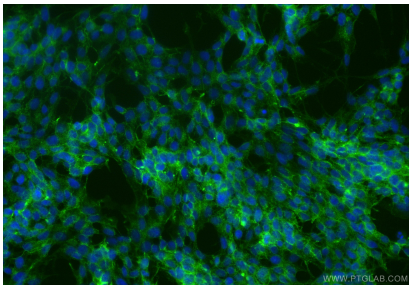
For technical support and original validation data for this product please contact:

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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 SH-SY5Y cells using CoraLite® Plus 488 L1CAM antibody (CL488-84034-5, Clone: 240978A7) at dilution of 1:200.