For Research Use Only

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

Catalog Number:CL488-86305-2

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
CL488-86305-2

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
EG3022

GenBank Accession Number:
N/A

GeneID (NCBI):
16728

UNIPROT ID:
P11627

Full Name:
L1 cell adhesion molecule

Calculated MW:
141 kDa

Observed MW:
210-250 kDa

Purification Method:
Protein A purification

CloneNo.:
250101C11

Recommended Dilutions:
IF/ICC: 1:50-1:500

Excitation/Emission maxima wavelengths:
493 nm / 522 nm

Applications

Tested Applications:
IF/ICC

Species Specificity:
mouse, rat

Positive Controls:

IF/ICC : Neuro-2a cells,

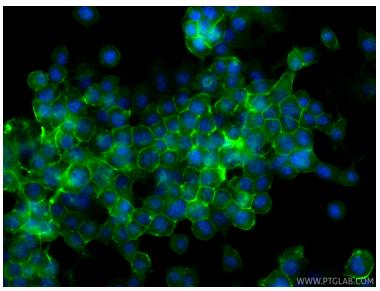
Background Information

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

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.