

For Research Use Only

CoraLite® Plus 488-conjugated PDLIM1/CLP36 Recombinant antibody

Catalog Number:CL488-85027-5



Basic Information

Catalog Number: CL488-85027-5	GenBank Accession Number: BC000915	Purification Method: Protein A purification
Concentration: 1000 ug/ml	GeneID (NCBI): 9124	CloneNo.: 242585C7
Source: Rabbit	UNIPROT ID: O00151	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: PDZ and LIM domain 1	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG2274	Calculated MW: 329 aa, 36 kDa	
	Observed MW: 36 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: human, mouse, rat	

Background Information

PDLIM1, also named as CLIM1, CLP-36, CLP36, hCLIM1 and Elfin, is a member of the actinin-associated LIM protein (ALP)/enigma protein family, plays a role in neurite outgrowth in the peripheral nervous system. It is a cytoskeletal protein that may act as an adapter that brings other proteins (like kinases) to the cytoskeleton. PDLIM1 and PALLD formed a complex in the dorsal root ganglion (DRG) and PDLIM1 and PALLD were colocalized in the neurites and cell bodies of primary DRG neurons. PDLIM1 may interact with PALLD to influence neurite outgrowth during sciatic nerve regeneration. (PMID: 20381583)

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:

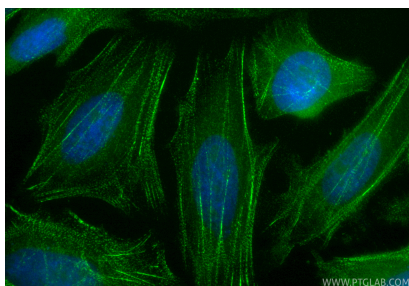
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.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 HeLa cells using Coralite® Plus 488 PDLM1/CLP36 antibody (CL488-85027-5, Clone: 242585C7) at dilution of 1:200.