

For Research Use Only



CoraLite® Plus 488-conjugated DRP1 (C-terminal) Recombinant antibody

Catalog Number: **CL488-81561**

Basic Information

Catalog Number: CL488-81561	GenBank Accession Number: BC024590	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 10059	CloneNo.: 2A19
Source: Rabbit	UNIPROT ID: O00429	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG	Full Name: dynamin 1-like	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG3644	Calculated MW: 736 aa, 82 kDa	
	Observed MW: 70-80 kDa	

Applications

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

Background Information

DNM1L(Dynamin-1-like protein) , also known as dynamin-related protein 1 (DRP1), belongs to the dynamin family of large GTPases that mediate membrane remodeling during a variety of cellular processes. DNM1L has an important role in the division of growing mitochondria and peroxisomes and also mediates outer mitochondrial membrane fission in mammalian cells. DNM1L is ubiquitously expressed with abundant expression in skeletal muscle, heart, kidney and brain. Variable isoforms of DNM1L have been reported in a tissue-specific manner due to the alternative splicing.

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:

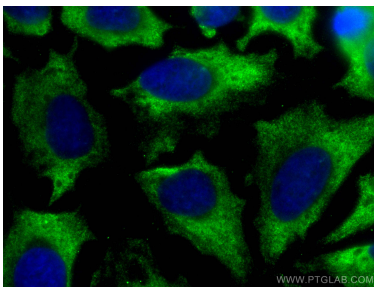
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 DRP1 (C-terminal) antibody (CL488-81561, Clone: 2A19) at dilution of 1:200.