

For Research Use Only



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

Catalog Number: **CL488-12957**

Featured Product

## Basic Information

<b>Catalog Number:</b> CL488-12957	<b>GenBank Accession Number:</b> BC024590	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 10059	<b>Excitation/Emission maxima wavelengths:</b> 488 nm / 515 nm
<b>Source:</b> Rabbit	<b>Full Name:</b> dynamin 1-like	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 710 aa, 79 kDa	
<b>Immunogen Catalog Number:</b> AG3644	<b>Observed MW:</b> 75-80 kDa	

## Applications

**Tested Applications:**  
FC (Intra)

**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.

**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

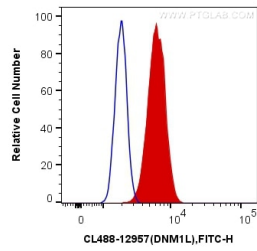
Aliquoting is unnecessary for -20°C storage

**\*\*\* 20ul sizes contain 0.1% BSA**

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 W: ptglab.com

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

## Selected Validation Data



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Coralite® Plus 488 Anti-Human DRP1 (C-terminal) (CL488-12957) (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).