

For Research Use Only

# CoraLite® Plus 488-conjugated Peripherin Recombinant monoclonal antibody

Catalog Number: CL488-86057



## Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-86057	BC032703	Protein A purification
Source:	GenelD (NCBI):	CloneNo.:
Rabbit	5630	250661A3
Isotype:	UNIPROT ID:	Recommended Dilutions:
IgG	P41219	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	Full Name:	Excitation/Emission maxima wavelengths:
AG11365	peripherin	493 nm / 522 nm
	Calculated MW:	
	470 aa, 54 kDa	
	Observed MW:	
	54-60 kDa	

## Applications

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

## Background Information

Peripherin is a neuron-specific intermediate filament protein that is particularly expressed in peripheral nervous system. It is used to study peripheral nerve development and regeneration, as it is highly expressed during elongation of axon. Peripherin is a routine marker for unmyelinated neurons in trigeminal ganglion (TG) and the dorsal root ganglion (DRG). Peripherin is also expressed in peri-insular areas of islets and it has been identified as a key autoantigen for type 1A diabetes.

## 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

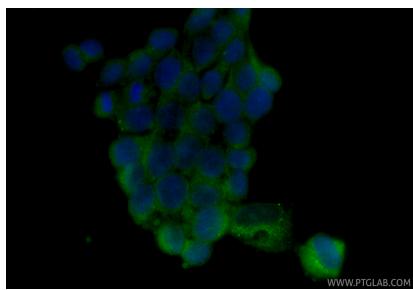
E: Proteintech-CN@ptglab.com

W: ptgcn.com

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

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol)  
fixed SH-SY5Y cells using Coralite® Plus 488  
Peripherin antibody (CL488-86057, Clone:  
250661A3 ) at dilution of 1:200.