

For Research Use Only

CoraLite® Plus 488-conjugated NF-L Monoclonal antibody

Catalog Number: CL488-60189



Basic Information

Catalog Number: CL488-60189	GenBank Accession Number: BC039237	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4747	CloneNo.: 5C12G4
Source: Mouse	UNIPROT ID: P07196	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: neurofilament, light polypeptide	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG15178	Calculated MW: 543 aa, 62 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : mouse brain tissue,
Species Specificity: human, mouse, rat, pig	

Background Information

NEFL, also named as NF68 and NF-L, belongs to the intermediate filament family. Neurofilaments are the 10 nm intermediate filaments found specifically in neurons. They are a major component of the cell's cytoskeleton, and provide support for normal axonal radial growth. Neurofilaments usually contain three intermediate filament proteins: L, M, and H, which are involved in the maintenance of neuronal caliber. This antibody is conjugated with CL488, Ex/Em 488 nm/515 nm.

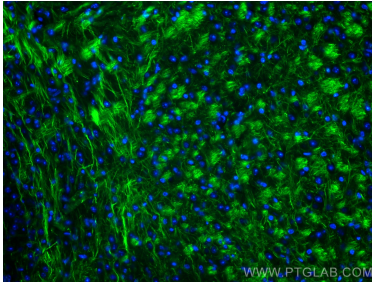
Storage

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:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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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 (4% PFA) fixed mouse brain tissue using CoraLite® Plus 488 NF-L antibody (CL488-60189, Clone: 5C12G4) at dilution of 1:200.