

For Research Use Only

CoraLite® Plus 647-conjugated NeuN Monoclonal antibody



Catalog Number:CL647-66836

Basic Information

Catalog Number: CL647-66836	GenBank Accession Number: NM_001082575	Purification Method: Protein G purification
Size: 100ul , Concentration: 1 mg/mL by Nanodrop;	GeneID (NCBI): 146713	CloneNo.: 3A4C1
Source: Mouse	Full Name: hexaribonucleotide binding protein 3	Excitation/Emission maxima wavelengths: 654 nm / 674 nm
Isotype: IgG1		
Immunogen Catalog Number: AG28016		

Applications

Tested Applications:
FC (Intra)

Species Specificity:
Human, mouse, rat

Background Information

NeuN, encoded by FOX3, is a neuron-specific nuclear protein. Anti-NeuN stains exclusively neuronal cells in the central and peripheral nervous systems, especially postmitotic and differentiating neurons, as well as terminally differentiated neurons. Anti-NeuN has been used widely as a reliable tool to detect most postmitotic neuronal cell types. The immunohistochemical staining is primarily localized in the nucleus of the neurons with lighter staining in the cytoplasm.

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.

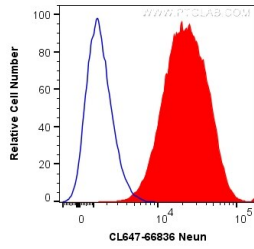
Aliquoting is unnecessary for -20°C storage

*** 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



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.2 ug CoraLite® Plus 647 Anti-Human NeuN (CL647-66836, Clone:3A4C1) (red), or 0.2 ug APC-65128 ; APC Mouse IgG2b Isotype Control (APC-65128, Clone: MPC-11) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).