

For Research Use Only

CoraLite®555-conjugated NeuN Monoclonal antibody

Catalog Number:CL555-66836



Basic Information

Catalog Number:

CL555-66836

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG28016

GenBank Accession Number:

NM_001082575

GeneID (NCBI):

146713

Full Name:

hexaribonucleotide binding protein 3

Purification Method:

Protein G purification

CloneNo.:

3A4C1

Recommended Dilutions:

IF-P: 1:50-1:500

FC (Intra): 0.80 µg per 10⁶ cells in a 100 µl suspension

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Excitation/Emission maxima wavelengths:

557 nm / 570 nm

Applications

Tested Applications:

IF-P, FC (Intra)

Species Specificity:

Human, mouse, rat

Positive Controls:

IF-P: rat brain tissue,

FC (Intra): U-87 MG cells,

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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, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

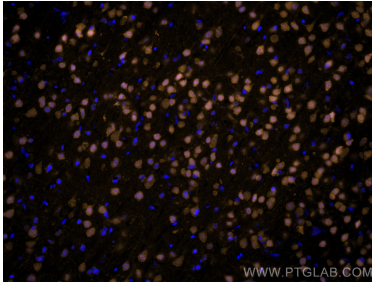
T: 4006900926

E: Proteintech-CN@ptglab.com

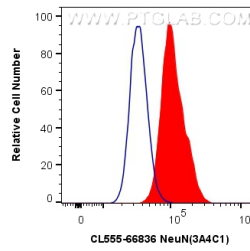
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed rat brain tissue using CoraLite®555 NeuN antibody (CL555-66836, Clone: 3A4C1) at dilution of 1:200.



1X10⁶ U-87 MG cells were intracellularly stained with 0.8 ug CoraLite®555 Anti-Human NeuN (CL555-66836, Clone:3A4C1) (red), or 0.8 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).