For Research Use Only

Biotin-conjugated NeuN Monoclonal antibody

Catalog Number:Biotin-66836

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Basic Information

Catalog Number:
Biotin-66836

Size:
100ul , Concentration: 1000 ug/ml by Nanodrop;

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:
IHC 1:50-1:500

Applications

Tested Applications:
IHC

Species Specificity:
Human, mouse, rat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

IHC : mouse brain tissue,

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.

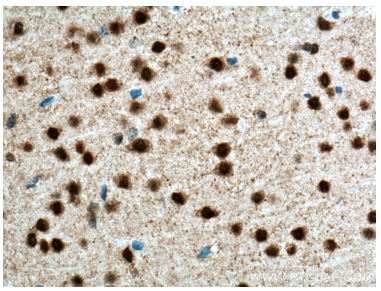
Storage

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

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

Selected Validation Data

Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using Biotin-66836 (NeuN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using Biotin-66836 (NeuN antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).