

For Research Use Only

# Biotin-conjugated NeuN Monoclonal antibody



Catalog Number: Biotin-66836

## Basic Information

<b>Catalog Number:</b> Biotin-66836	<b>GenBank Accession Number:</b> NM_001082575	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100UL, Concentration: 2000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 146713	<b>CloneNo.:</b> 3A4C1
<b>Source:</b> Mouse	<b>Full Name:</b> hexaribonucleotide binding protein 3	<b>Recommended Dilutions:</b> IHC 1:50-1:500
<b>Isotype:</b> IgG1		
<b>Immunogen Catalog Number:</b> AG28016		

## Applications

<b>Tested Applications:</b> IHC, ELISA	<b>Positive Controls:</b> IHC : mouse brain tissue,
<b>Species Specificity:</b> Human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## 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.

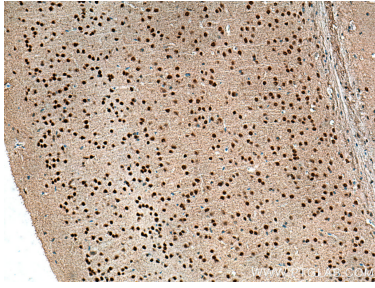
## Storage

**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

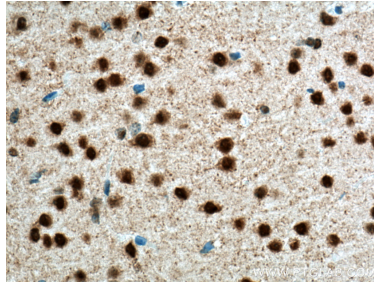
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
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## Selected Validation Data



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).