

À des fins de recherche uniquement

# Anticorps Monoclonal anti-NeuN

Numéro de catalogue: 66836-1-Ig **48 Publications**



## Informations de base

Numéro de catalogue: 66836-1-Ig	Numéro d'acquisition GenBank: NM_001082575	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1000 µg/ml by Nanodrop and 515 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 146713	CloneNo.: 3A4C1
Hôte: Mouse	Nom complet: hexaribonucleotide binding protein 3	Dilutions recommandées: IHC 1:2500-1:10000 IF 1:50-1:500
Isotype: IgG1		
Immunogen Catalog Number: AG28016		

## Applications

Applications testées: FC, IF, IHC, ELISA	Contrôles positifs: IHC : tissu de cervelet de rat, IF : tissu de cervelet de souris, tissu de cervelet de rat
Demandes citées: IF, IHC	
Spécificité de l'espèce: Humain, rat, souris	
Espèces citées: Humain, rat, souris	
<b>Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.</b>	

## Informations générales

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.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Yingying Wang	36174863	Int J Biol Macromol	IF
Jingying Liu	34646128	Front Aging Neurosci	IF
Yingchu Gu	34471984	J Mol Neurosci	IF

## Stockage

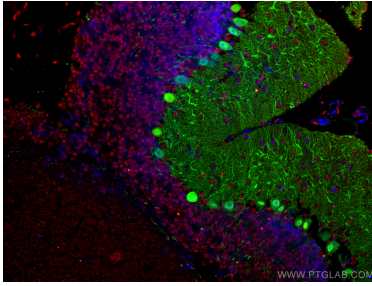
Stockage:  
Stocker à -20°C. Stable pendant un an après l'expédition.  
Tampon de stockage:  
PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3  
L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

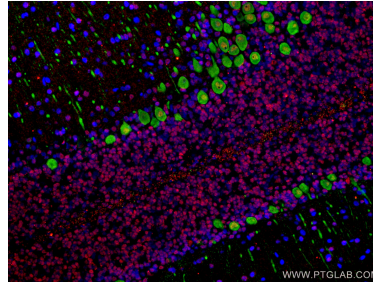
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

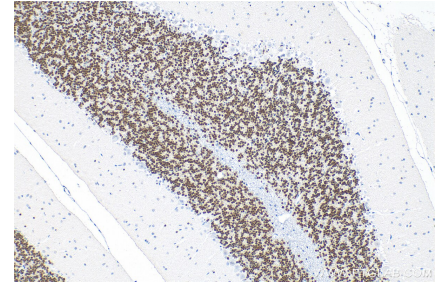
## Données de validation sélectionnées



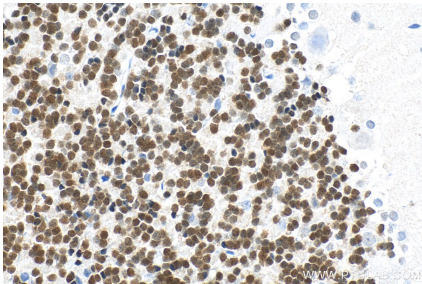
Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using 66836-1-Ig (NeuN antibody), at dilution of 1:100 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). The section was co-stained with 14479-1-AP (Calbindin-D28k Antibody, green).



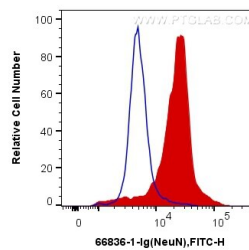
Immunofluorescent analysis of (4% PFA) fixed rat cerebellum tissue using 66836-1-Ig (NeuN antibody, red), at dilution of 1:200 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). The section was co-stained with 14479-1-AP (Calbindin-D28k antibody, green).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 66836-1-Ig (NeuN antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Sodium Citrate buffer (pH 6.0).



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue slide using 66836-1-Ig (NeuN antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Sodium Citrate buffer (pH 6.0).



1X10<sup>6</sup> SH-SY5Y cells were intracellularly stained with 0.2 ug Anti-Human NeuN (66836-1-Ig, Clone:3A4C1) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).