

Nur für Forschungszwecke

NeuN Monoklonaler Antikörper

Katalog-Nr.: 66836-1-Ig **40 Publikationen**



Allgemeine Informationen

Katalog-Nr.: 66836-1-Ig	GenBank-Zugangsnummer: NM_001082575	Reinigungsmethode: Protein-G-Reinigung
Größe: 150ul, Konzentration: 1000 µg/ml Nanodrop und 515 µg/ml durch die Bradford-Methode mit BSA als Standard;	GeneID (NCBI): 146713	CloneNo.: 3A4C1
Wirt: Maus	Vollständiger Name: hexaribonucleotide binding protein 3	Empfohlene Verdünnungen: IHC 1:5000-1:20000 IF 1:50-1:500
Isotyp: IgG1		
Immunogen Katalognummer: AG28016		

Anwendungen

Geprüfte Anwendungen: FC, IF, IHC, ELISA	Positivkontrollen: IHC : Maushirngewebe, humanes Hirngewebe, Rattenhirngewebe IF : Maus-Cerebellum-Gewebe, Ratten-Cerebellum- Gewebe
In Publikationen genannte Anwendungen: IF, IHC	
Getestete Reaktivität: Human, Maus, Ratte	
Zitierte Arten: Human, Maus, Ratte	
Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.	

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

Lagerung

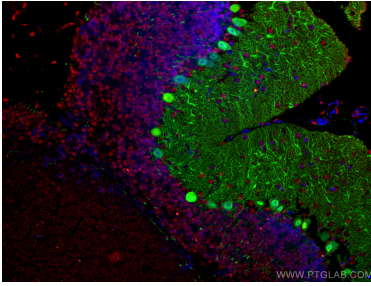
Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C Lagerung

***** 20ul-Größen enthalten 0.1% BSA**

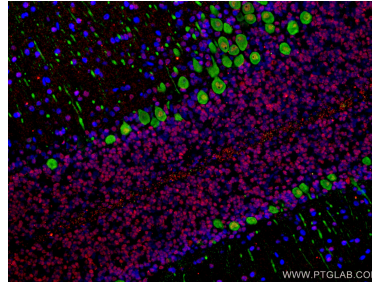
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

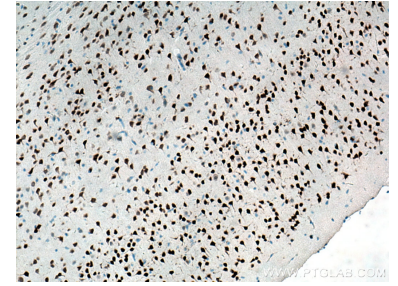
Ausgewählte Validierungsdaten



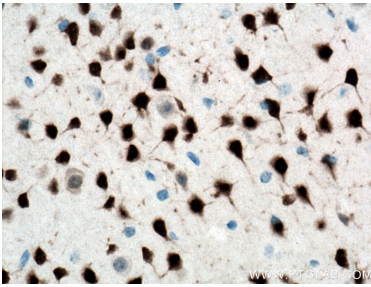
Immunofluorescent analysis of (4% PFA) fixed mouse cerebellum tissue using 66836-1-Ig (NeuN antibody), at dilution of 1:100 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). The section was co-stained with 14479-1-AP (Calbindin-D28k Antibody, green).



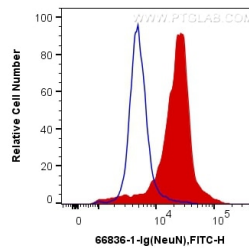
Immunofluorescent analysis of (4% PFA) fixed rat cerebellum tissue using 66836-1-Ig (NeuN antibody, red), at dilution of 1:200 and CoraLite®594-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). The section was co-stained with 14479-1-AP (Calbindin-D28k antibody, green).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66836-1-Ig (NeuN antibody) at dilution of 1:20000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66836-1-Ig (NeuN antibody) at dilution of 1:20000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



1X10⁶ 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).