Nur für Forschungszwecke

NF-M Monoklonaler Antikörper

Katalog-Nr.:66396-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Allgemeine Informationen

Katalog-Nr.:
66396-1-Ig

Größe:
150ul , Konzentration: 1000 μg/ml von Nanodrop und 1000 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG22709

GenBank-Zugangsnummer:
BC002421

GeneID (NCBI):
4741

Vollständiger Name:
neurofilament, medium polypeptide

Berechneté Masse:
102 kDa

Beobachteté Masse:
140 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
2E3B12

Empfohlene Verdünnungen:
WB 1:2000-1:20000
IHC 1:200-1:2000

Anwendungen

Geprüfte Anwendungen:
FC, IHC, WB, ELISA

Getestete Reaktivität:
Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : Rattenhirngewebe, Maushirngewebe, PC-12-Zellen

IHC : Maushirngewebe, Maus-Cerebellum-Gewebe

Hintergrundinformationen

NEFM, also named as NEF3 and NFM, belongs to the intermediate filament family. Neurofilaments are the 10 nm intermediate filaments found specifically in neurons. They are a major component of the cell's cytoskeleton, and provide support for normal axonal radial growth. Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. The names given to the three major neurofilament subunits are based upon the apparent molecular weight of the mammalian subunits on SDS-PAGE: NF-L, 65-68 kDa; NF-M,140-160 kDa and NF-H, 200-220 kDa.

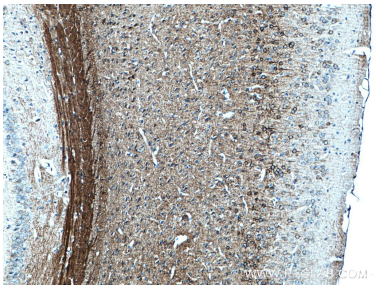
Lagerung

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

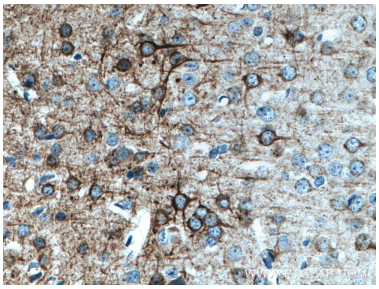
***** 20ul-Größen enthalten 0.1% BSA**

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

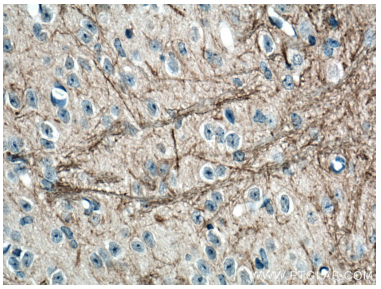
Ausgewählte Validierungsdaten



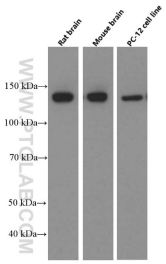
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66396-1-Ig (NF-M antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



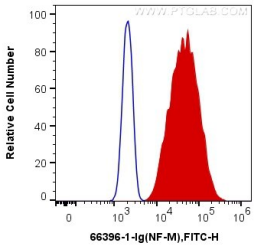
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66396-1-Ig (NF-M antibody) at dilution of 1:1000 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 66396-1-Ig (NF-M antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Lysates of rat brain, mouse brain tissues and PC-12 cells were subjected to SDS PAGE followed by western blot with 66396-1-Ig (NEFM Antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



1X10^6 PC-12 cells were intracellularly stained with 0.4 ug Anti-Human NF-M (66396-1-Ig, Clone:2E3B12) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).