À des fins de recherche uniquement

Anticorps Monoclonal anti-NF-M

Numéro de catalogue:66396-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
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Informations de base

Numéro de catalogue:
66396-1-Ig

Taille:
150ul , Concentration: 1000 μg/ml by Nanodrop and 1000 μg/ml by Bradford method using BSA as the standard;

Hôte:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG22709

Numéro d'acquisition GenBank:
BC002421

Identification du gène (NCBI):
4741

Nom complet:
neurofilament, medium polypeptide

MW calculé
102 kDa

MW observés:
140 kDa

Méthode de purification:
Purification par protéine A

CloneNo.:
2E3B12

Dilutions recommandées:
WB 1:2000-1:20000
IHC 1:200-1:2000

Applications

Applications testées:
FC, IHC, WB, ELISA

Spécificité de l'espèce:
Humain, rat, souris

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) À défaut, 'le démasquage de l'antigène peut être 'effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

WB : tissu cérébral de rat, cellules PC-12, cerveau de rat, tissu cérébral de souris

IHC : tissu cérébral de souris, tissu de cervelet de souris

Informations générales

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.

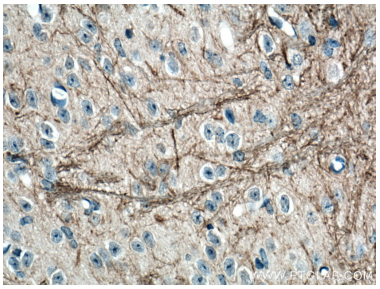
Stockage

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

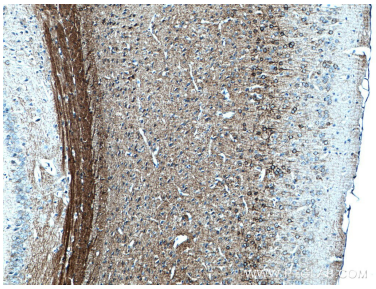
***** Les 20ul contiennent 0,1% de BSA.**

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

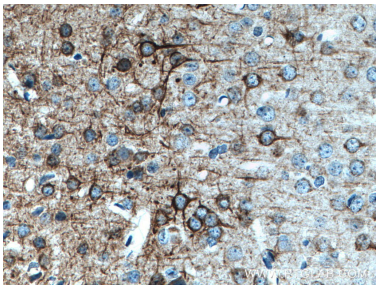
Données de validation sélectionnées



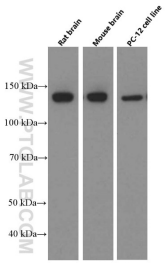
Immunohistochemical analysis of paraffin-embedded mouse cerebellum tissue slide using 66396-1-Ig (NF-M antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



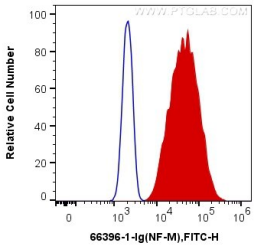
Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 66396-1-Ig (NF-M antibody) at dilution of 1:1000 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).