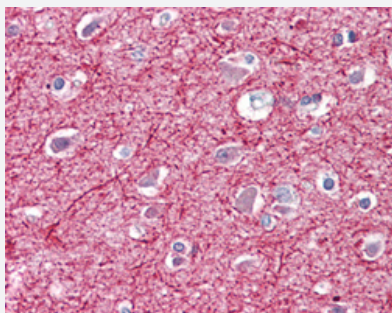


NEFM monoclonal antibody, clone RNF406

Catalog # MAB12677 Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human brain, cortex with NEFM monoclonal antibody, clone RNF406 (Cat # MAB12677) at 10 ug/mL working concentration.

Specification

Product Description	Mouse monoclonal antibody raised against human NEFM.
Immunogen	Human NEFM
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein G purification
Isotype	IgG1
Recommend Usage	Flow Cytometry (1:50-1:100) Immunohistochemistry (Frozen sections) (1:50-1:100) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (10 ug/mL) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide).

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)
- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human brain, cortex with NEFM monoclonal antibody, clone RNF406 (Cat # MAB12677) at 10 ug/mL working concentration.

- Immunohistochemistry (Frozen sections)

Gene Info — NEFM

Entrez GeneID[4741](#)**Gene Name**

NEFM

Gene Alias

NEF3, NF-M, NFM

Gene Description

neurofilament, medium polypeptide

Omim ID[162250](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of neuronal damage. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq]

Other Designations

neurofilament triplet M protein|neurofilament, medium polypeptide 150kDa|neurofilament-3 (150 kD medium)

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Acute Disease](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)