

NEFL monoclonal antibody

Catalog: MB23061

Host: Mouse

Reactivity: Human, Mouse, Rat, Rabbit

Background:

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and they functionally maintain the neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the light chain neurofilament protein. Mutations in this gene cause Charcot-Marie-Tooth disease types 1F (CMT1F) and 2E (CMT2E), disorders of the peripheral nervous system that are characterized by distinct neuropathies. A pseudogene has been identified on chromosome Y. [provided by RefSeq, Oct 2008]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

61.5kDa

Swiss-Prot:

P07196

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/100 - 1/500 FC:1/200 - 1/400

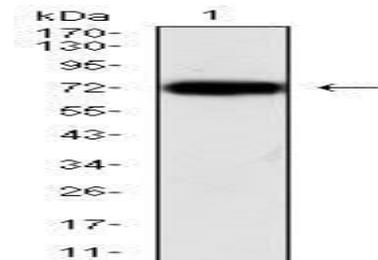
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

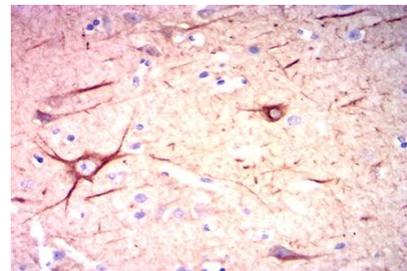
Isotype:

Mouse IgG1

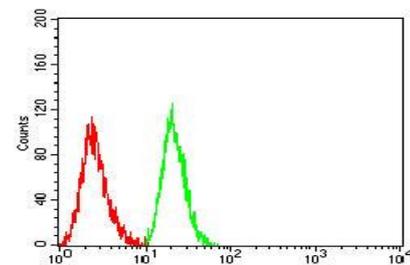
DATA:



Western blot analysis using NEFL mouse mAb against HEK293 (1) cell lysate.



Immunohistochemical analysis of paraffin-embedded human brain tissues using NEFL mouse mAb with DAB staining.



Flow cytometric analysis of Jurkat cells using NEFL mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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