

NEFM monoclonal antibody

Catalog: MB21660

Host: Mouse

Reactivity: Human

BackGround:

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.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

102.4kDa

Swiss-Prot:

P07197

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:

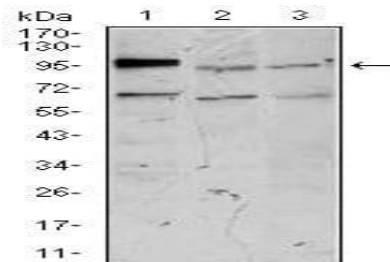
WB:1/500 - 1/2000 FC:1/200 - 1/400

Storage&Stability:

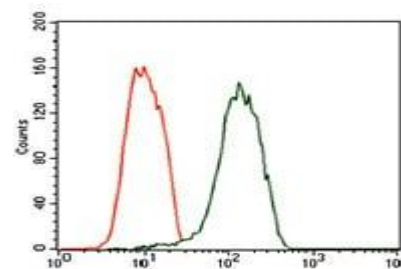
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

Mouse IgG1

DATA:

Western blot analysis using NEFM mouse mAb against NTERA-2 (1), SK-N-SH (2), and PC-12 (3) cell lysate.



Flow cytometric analysis of SK-N-SH cells using NEFM mouse mAb (green) and negative control (red).

Note:

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

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