

Mouse NEFM Monoclonal Antibody | anti-NEFM antibody

NEFM antibody

CATALOG # AAA108016	HOST Mouse	APPLICATIONS Immunofluorescence, Western Blot
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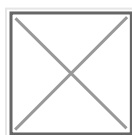
PRODUCT SYNONYMS

NEFM; Monoclonal Antibody; NEFM antibody; Monoclonal NEFM; Anti-NEFM; Neurofilament medium polypeptide; NEF3; Neurofilament 3; anti-NEFM antibody

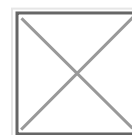
PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	3H11
Form/Format	Supplied in liquid form in 10 mM NaN ₃
Sequence Length	877
Applicable Applications for anti-NEFM antibody	IF (Immunofluorescence), WB (Western Blot)
Biological Significance	Neurofilaments are type IV intermediate filament heteropolymers composed of light (NEFL), medium (this protein), and heavy (NEFH) 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.

IMAGES


WB (Western Blot)

Western blot of rat of the ~ 145k NEFM protein cortex lysate showing specific immunolabeling of ~ 68k NEFM protein


IF (Immunofluorescence)

Immunofluorescent staining of c in mature neurons. cultured rat neurons showing labeling of NF-M (green)

ADDITIONAL INFORMATION

Related Product Information for anti-NEFM antibody	Mouse monoclonal NEFM antibody
Product Categories/Family for anti-NEFM antibody	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	148342538
NCBI GeneID	4741
Molecular Weight	59,468 Da

NCBI Official Full Name	NEFM protein
NCBI Official Synonym Full Names	neurofilament, medium polypeptide
NCBI Official Symbol	NEFM
NCBI Official Synonym Symbols	NFM; NEF3; NF-M
NCBI Protein Information	neurofilament medium polypeptide
UniProt Protein Name	Neurofilament medium polypeptide
UniProt Gene Name	NEFM
UniProt Synonym Gene Names	NEF3; NFM; NF-M
UniProt Entry Name	NFM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nefm-antibody-clone-3h11-immunofluorescence-western-blot-elisa/108016>