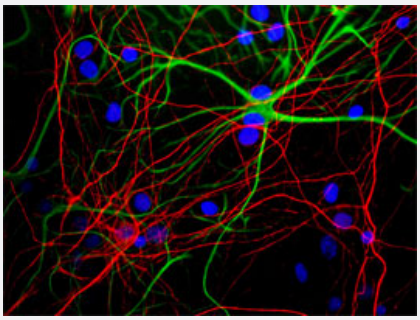
NEFH monoclonal antibody, clone 9B12

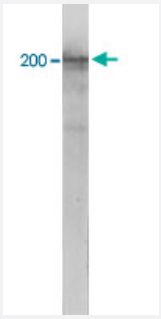
Catalog # MAB5387 Size 100 uL

Applications



Immunofluorescence

Mixed neuron/glial cultures stained with NEFH monoclonal antibody, clone 9B12 (Cat # MAB5387) (red) and rabbit GFAP antibody (green). Axonal profiles are stained in red, while astrocytic cells are revealed in green. Nuclei are revealed with a fluorescent DNA stain (blue).



Western Blot (Tissue lysate)

Strip blots of crude rat spinal cord extract stained with NEFH monoclonal antibody, clone 9B12 (Cat # MAB5387). All three antibodies bind to a prominent band with an apparent SDS-PAGE molecular weight of 200 KDa.

Specification

Product Description	Mouse monoclonal antibody raised against NEFH.
Immunogen	Bovine NEFH.
Host	Mouse
Theoretical MW (kDa)	200-220
Reactivity	Bovine
Form	Liquid
Isotype	IgG1

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Recommend Usage	Western Blot (1:10000) Immunofluorescence (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In ascites (5 mM sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which shoul d be handled by trained staff only.

Applications

- Immunohistochemistry
- Immunofluorescence

  Mixed neuron/glial cultures stained with NEFH monoclonal antibody, clone 9B12 (Cat # MAB5387) (red) and rabbit GFAP antibody (green). Axonal profiles are stained in red, while astrocytic cells are revealed in green. Nuclei are revealed with a fluorescent DNA stain (blue).
- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Tissue lysate)

  Strip blots of crude rat spinal cord extract stained with NEFH monoclonal antibody, clone 9B12 (Cat # MAB5387). All three antibodies bind to a prominent band with an apparent SDS-PAGE molecular weight of 200 KDa.

Publication Reference

- A molecular dissection of the carboxyterminal tails of the major neurofilament subunits NF-M and NF-H.

  Harris J, Ayyub C, Shaw G.

  Journal of Neuroscience Research 1991 Sep; 30(1):47.

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