NF-M antibody [GT883]

Cat. No. GTX634483

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P, IHC-Fr, IHC
Reactivity	Human, Mouse, Rat

Reference (2)
Package
100 µl, 25 µl

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:5000-1:25000
ICC/IF	Assay dependent
IHC-P	1:100-1:1000
IHC-Fr	1:100-1:1000
IHC	Assay dependent

Not tested in other applications.

Calculated MW	96 kDa. (Note)

PROPERTIES

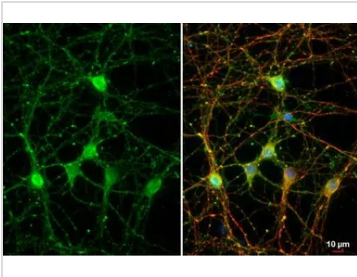|	
Form	Liquid
Buffer	PBS
Preservative	No preservative
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1.25 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the N-terminus region of mouse NF-M. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

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Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.
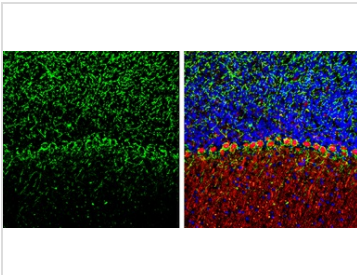
DATA IMAGES

GTX634483 ICC/IF Image

NF-M antibody [GT883] detects NF-M protein at axon by immunofluorescent analysis.

Sample: DIV10 rat E18 primary hippocampal neuron and glia cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: NF-M stained by NF-M antibody [GT883] (GTX634483) diluted at 1:250.

Red: Tau, a cytoskeleton marker, stained by Tau antibody (GTX130462) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).
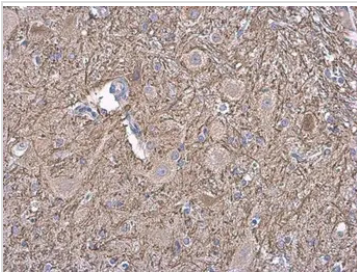

GTX634483 IHC-Fr Image

NF-M antibody [GT883] detects NF-M protein by immunohistochemical analysis.

Sample: Frozen-sectioned mouse mouse cerebellum.

Green: NF-M stained by NF-M antibody [GT883] (GTX634483) diluted at 1:250.

Red: Calbindin, stained by Calbindin antibody (GTX130856) diluted at 1:500.

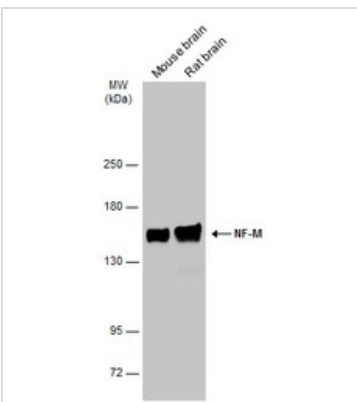Blue: Fluoroshield with DAPI (GTX30920).

GTX634483 IHC-P Image

NF-M antibody [GT883] detects NF-M protein at by immunohistochemical analysis.

Sample: Paraffin-embedded rat brain.

NF-M stained by NF-M antibody [GT883] (GTX634483) diluted at 1:200.

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

GTX634483 WB Image

Various tissue extracts (50 μg) were separated by 5% SDS-PAGE, and the membrane was blotted with NF-M antibody [GT883] (GTX634483) diluted at 1:25000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

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