NF-M antibody

Cat. No. GTX85461

Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Applications	WB, ICC/IF, IHC
Reactivity	Human, Mouse, Rat

References (4)
Package
50 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:2000
ICC/IF	Assay dependent
IHC	1:1000-1:2000

Not tested in other applications.

Calculated MW 102 kDa. (Note)

Properties

Form	Liquid
Buffer	PBS, 1% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4ºC. DO NOT FREEZE.
Concentration	2 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	NFM protein was purified from bovine spinal cords following the method of Delacourte et al.
Purification	IgY fraction
Conjugation	Unconjugated
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.

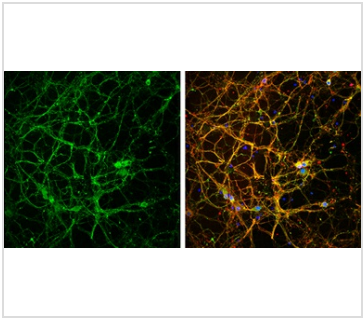
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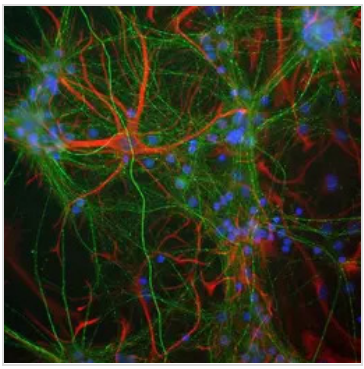
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DATA IMAGES



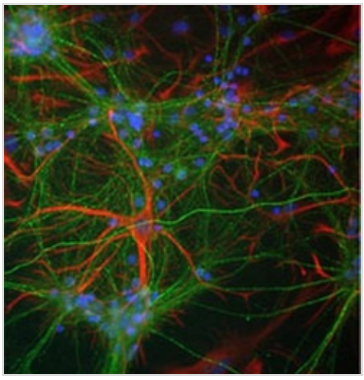
GTX85461 ICC/IF Image

NF-M antibody detects NF-M protein at cytoskeleton by immunofluorescent analysis.
Sample: Cultured rat E18 primary cortical neuron, DIV 8. Cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: NF-M protein stained by NF-M antibody (GTX85461) diluted at 1:250.
Red: F-Actin , stained by F-Actin antibody [NH3] (GTX20205) diluted at 1:250.
Blue: Fluoroshield with DAPI (GTX30920).



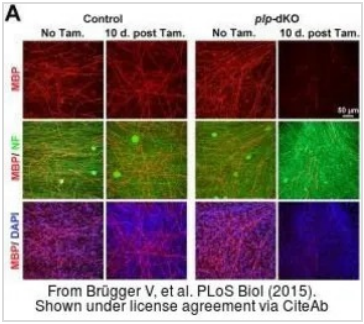
GTX85461 ICC/IF Image

ICC/IF analysis of mouse cortical neurons using GTX85461 NF-M antibody.
Green : Primary antibody
Red : GFAP
Blue : DAPI
Dilution : 1:2000



GTX85461 ICC/IF Image

Dissociated cell culture prepared from an adult rat brain. NFM (green staining) stains neurites in a punctate fashion, corresponding to neuritic varicosities. As a control, rabbit GFAP antibodies were used to co-stain astrocytes, producing a red fluorescence. Blue nuclei demonstrate DAPI DNA staining



GTX85461 ICC/IF Image

The data was published in the journal PLoS Biol in 2015.PMID: 26406915

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