

## Anti-Neurofilament NF-M Antibody

Our Anti-Neurofilament NF-M primary antibody from PhosphoSolutions is chicken polyclonal. It detects  
Catalog # AN1469

### Specification

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#### Anti-Neurofilament NF-M Antibody - Product Information

Application	WB, IHC
Primary Accession	<a href="#">P12839</a>
Reactivity	Bovine, Chicken, Drosophila
Host	Chicken
Clonality	Polyclonal
Isotype	IgY
Calculated MW	95791

#### Anti-Neurofilament NF-M Antibody - Additional Information

Gene ID **24588**

##### Other Names

150 kDa Neurofilament Medium antibody, 160 kDa neurofilament protein antibody, Medium polypeptide 150kDa antibody, NEF3 antibody, Neurofilament 3 antibody, Neurofilament 3 medium antibody, Neurofilament medium polypeptide antibody, Neurofilament protein M antibody, Neurofilament triplet M protein antibody, Neurofilament-3 (150 kD medium) antibody, NF-M antibody, NFM antibody

##### Target/Specificity

Neurofilaments are the 10 nm or intermediate filament proteins found specifically in neurons, and are composed predominantly of three major proteins called NF-L, NF-M and NF-H (Harris et al., 1991). NF-M is the neurofilament middle or medium molecular weight polypeptide and runs on SDS-PAGE gels at 145-160 kDa, with some variability across species boundaries. Antibodies to NF-M are useful for identifying neuronal cells and their processes in tissue sections and in tissue culture. NF-M antibodies can also be useful to visualize neurofilament accumulations seen in many neurological diseases, such as Amyotrophic Lateral Sclerosis (Lou Gehrig's disease) and Alzheimer's disease (Hu et al., 2002).

##### Dilution

WB~~1:1000  
IHC~~1:100~500

##### Format

Total IgY fraction

##### Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

##### Precautions

Anti-Neurofilament NF-M Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

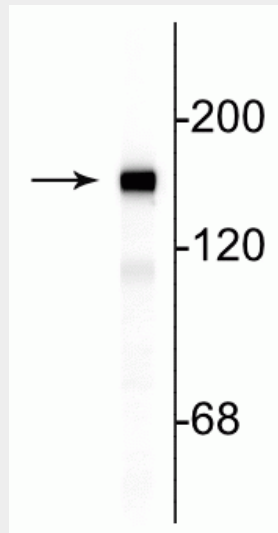
**Shipping**  
Blue Ice

### Anti-Neurofilament NF-M Antibody - Protocols

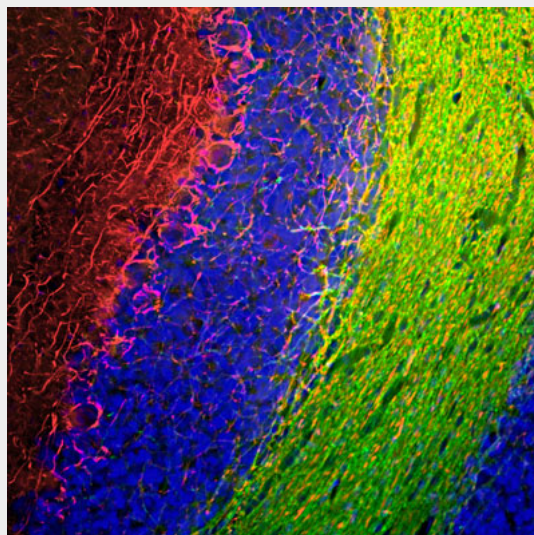
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

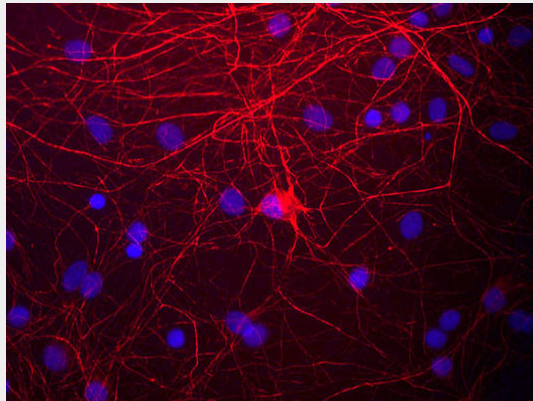
### Anti-Neurofilament NF-M Antibody - Images



Western blot of rat cortical lysate showing specific immunolabeling of the ~145 kDa NF-M protein.



Immunofluorescence of a section of rat cerebellum labeled with anti-Neurofilament-M (cat. 1455-NFM, 1:1000, red) and anti-CNP (green). The anti-NFM labels the network of axons of basket neurons and other neurons. The blue is DAPI staining of nuclear DNA.



Immunostaining of cultured rat neurons and glia stained with anti-NFM antibody (cat. 1455-NFM, red, 1:1000) and DNA is stained blue.

### **Anti-Neurofilament NF-M Antibody - Background**

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