

## Anti-Nefh Antibody Picoband® Fluoro647 Conjugated

Catalog Number: A05307-Fluoro647

### About Nefh

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy 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 heavy neurofilament protein. This protein is commonly used as a biomarker of neuronal damage and susceptibility to amyotrophic lateral sclerosis (ALS) has been associated with mutations in this gene.

### Overview

Product Name	Anti-Nefh Antibody Picoband® Fluoro647 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P19246

### Technical Details

Immunogen	E.coli-derived mouse Nefh recombinant protein (Position: Y109-E466).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 17 Publications Citing This Product

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1. PubMed ID: 10.3109/09273948.2013.806989, Improved Retinal Ganglion Cell Survival through Retinal Microglia Suppression by a Chinese Herb Extract, Triptolide, in the DBA/2J Mouse Model of Glaucoma
2. PubMed ID: PMID:31966489, Gene silencing NMII promotes axonal regeneration against contusive spinal cord injury in rats
3. PubMed ID: 10.12659/MSM.900893, Changes in the Expression of miR-34a and its Target Genes Following Spinal Cord Injury In Rats

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