

Anti-Nefh Antibody Picoband® Fluoro488 Conjugated

Catalog Number: A05307-Fluoro488

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® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IHC, WB). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ N.
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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

17 Publications Citing This Product

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

Visit bosterbio.com/anti-nefh-picoband-trade-antibody-a05307-boster.html to see all 17 publications.

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