BOSTER BIOLOGICAL TECHNOLOGY
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Anti-NEFH Antibody (Monoclonal, 35N99)

Catalog Number: M05307-10

About Nefh

Neurofilaments are composed of 3 neuron-specific proteins with apparent molecular masses of 68 kD (NFL), 125 kD (NFM), and 200 kD (NFH) on SDS-gel electrophoresis. Genomic clones for the largest human neurofilament protein (NF-H) were isolated, the intron/exon boundaries mapped and the entire protein-coding regions (exons) sequenced. mutations in neurofilaments have been linked to some forms of Charcot-Marie-Tooth disease (CMT).

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Overview

Product Name	Anti-NEFH Antibody (Monoclonal, 35N99)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-NEFH Antibody (Monoclonal, 35N99) catalog # M05307-10. Tested in IHC, WB applications. This antibody reacts with Human, Mouse, Rat.
Application	IHC, WB
Clonality	Monoclonal 35N99
Formulation	Mouse IgG in stabilizing components, 1.2% sodium acetate and 0.01mg NaN3.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	P16884

Technical Details

Immunogen	C-terminal segment of enzymatically dephosphorylated pig Neurofilament 200.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Mouse IgG (EK1001) for Western blot, and HRP Conjugated anti-Mouse IgG Super Vision Assay Kit (SV0001-1) for IHC(P) and IHC(F).
Cross Reactivity	No cross-reactivity with other proteins

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Isotype	Mouse IgG1
Form	Lyophilized
Concentration	Adding 1 ml of PBS buffer will yield a concentration of 100 ug/ml.
Purification	Ascites
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 1-2ug/ml, Human, mouse, rat Immunohistochemistry (Frozen Section), 1-2ug/ml, Human, mouse, rat, - Western blot, 0.5ml, Human, mouse, rat

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For Research Use Only. Not for use in diagnostic procedures.