BOSTER BIOLOGICAL TECHNOLOGY
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Anti-NF68 Nefl Antibody (Monoclonal, 35N94)

Catalog Number: M02482-7

About Nefl

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. And they have a role in the maturation of regenerating myelinated axons. Neurofilament 68 (NF68), also called Neurofilament Protein, Light Chain (NFL). It is one of the most abundant cytoskeletal components of the neuron. Mutations in this gene were reported as a cause for autosomal dominant Charcot-Marie-Tooth type 2E (CMT2E) linked to chromosome 8p21. NFL was identified repeatedly in both screenings and found to interact with Myotubularin-related 2 gene, MTMR2 in both Schwann cells and neurons.

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Overview

Product Name	Anti-NF68 Nefl Antibody (Monoclonal, 35N94)
Reactive Species	Human, Mouse, Pig, Rat
Description	Boster Bio Anti-NF68 Nefl Antibody (Monoclonal, 35N94) catalog # M02482-7. Tested in IHC, IHC-F, WB applications. This antibody reacts with Human, Mouse, Pig, Rat.
Application	IHC, IHC-F, WB
Clonality	Monoclonal 35N94
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	P19527

Technical Details

Immunogen	Pig spinal cord.
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), 2-4ug/ml, Human, mouse, pig, rat Immunohistochemistry (Frozen Section), 2-4ug/ml, Human, mouse, pig, rat, - Western blot, 1-2ug/ml, Human, mouse, pig, rat

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