BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti- Alpha-internexin/NF66 Monoclonal Antibody

Catalog Number: M03756-1

Overview

Product Name	Anti- Alpha-internexin/NF66 Monoclonal Antibody
Reactive Species	Bovine, Human, Mouse, Rat
Description	Boster Bio Anti- Alpha-internexin/NF66 Monoclonal Antibody catalog # M03756-1. Tested in IF, IHC, WB applications. This antibody reacts with Bovine, Human, Mouse, Rat.
Application	IF, IHC, WB
Clonality	Monoclonal
Formulation	Purified at 1mg/mL in PBS, 50% glycerol, 5mM NaN3
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Mouse
Uniprot ID	Q03600

Technical Details

Immunogen	Purified recombinant rat -internexin expressed in and purified from E. coli.
Concentration	0.5-1mg/ml, actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: WB: 1:10,000. IF/ICC and IHC: 1:5,000.

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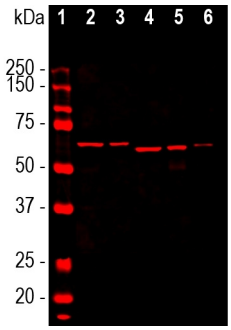
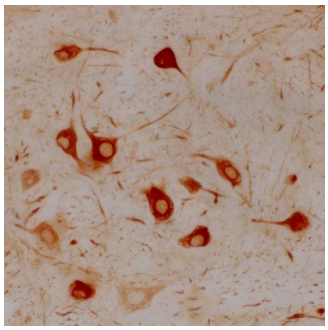
Anti- Alpha-internexin/NF66 Monoclonal Antibody (M03756-1) Images



Western blot analysis of different tissue



Immunohistochemistry of a section of rat facial nucleus 7 days following axotomy. These neurons are capable of regenerating their axons and also, concomitant with regeneration, strongly upregulate -internexin in their perikarya. Other central neurons which are not able to regenerate their axons do not upregulate this protein after axotomy and untreated facial neurons normally show only very low levels of -internexin. Both findings suggest that -internexin has a role in axonal regeneration.