

Product Datasheet

NF-H Antibody (NF-01) - BSA Free NB500-416

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-416

NF-H Antibody (NF-01) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	NF-01
Preservative	15mM Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	Phosphate buffered saline (PBS), pH 7.4
Target Molecular Weight	210 kDa

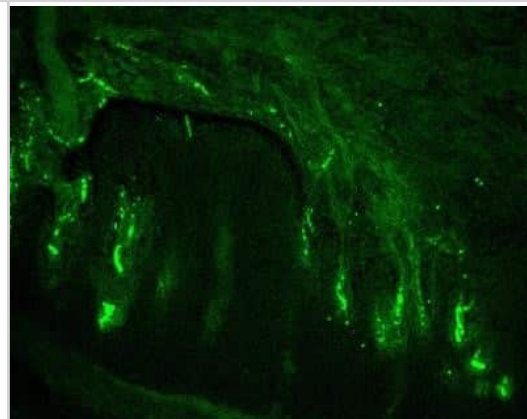
Product Description	
Description	Novus Biologicals Mouse NF-H Antibody (NF-01) - BSA Free (NB500-416) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NF-H Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4744
Gene Symbol	NEFH
Species	Mammal
Marker	Neuronal Marker
Specificity/Sensitivity	The antibody NF-01 recognizes a phosphorylated epitope on heavy neurofilament protein (210 kDa) of various species. Antibodies to the various neurofilament subunits are very useful cell type markers since the proteins are among the most abundant of the nervous system, are expressed only in neurons and are biochemically very stable.
Immunogen	A pellet of pig brain cold-stable proteins after depolymerization of microtubules.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, In vitro assay
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 5-10 ug/ml, In vitro assay
Application Notes	Purity > 95% (by SDS-PAGE). Use in In vitro reported in scientific literature (PMID 25993115). NF-H antibody validated for IHC-P, ICC/IF from verified customer reviews.



Images

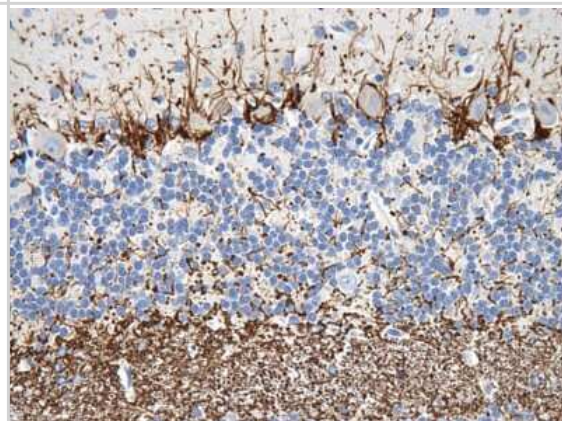
Immunocytochemistry/Immunofluorescence: NF-H Antibody (NF-01) [NB500-416] - Analysis using the Alexa Fluor (R) 488 conjugate of NB500-416. Ataining of NF-H in frozen monkey foot pad skin shows sensory fibers. Image submitted by a verified customer review.



Immunohistochemistry-Paraffin: NF-H Antibody (NF-01) [NB500-416] - Human cerebellum (paraffin-embedded sections) with anti-200kDa Neurofilament Heavy protein (NF-01).



Immunohistochemistry-Paraffin: NF-H Antibody (NF-01) [NB500-416] - NF200 in rat cerebellum. Image submitted by a verified customer review.



Publications

Chueh, KS;Juan, TJ;Lu, JH;Wu, BN;Lin, RJ;Mao, JW;Lin, HY;Chuang, SM;Chang, CY;Shen, MC;Sun, TW;Juan, YS; Low-Intensity Extracorporeal Shock Wave Therapy Ameliorates Detrusor Hyperactivity with Impaired Contractility via Transient Potential Vanilloid Channels: A Rat Model for Ovarian Hormone Deficiency International journal of molecular sciences 2024-04-30 [PMID: 38732143]

van der Kallen LR, Eggers R, Ehlert EM et al. Genetic Deletion of the Transcriptional Repressor NFIL3 Enhances Axon Growth In Vitro but Not Axonal Repair In Vivo. PLoS ONE. 2015-05-21 [PMID: 25993115] (In vitro, Mouse)



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Products Related to NB500-416

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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