

Product Datasheet

NF-L Antibody (DA2) NB300-132

Unit Size: 0.05 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NB300-132

Updated 2/17/2025 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NB300-132



NB300-132

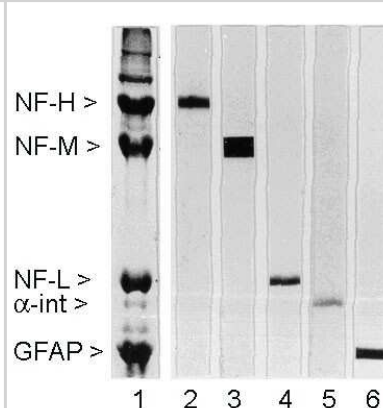
NF-L Antibody (DA2)

Product Information	
Unit Size	0.05 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	DA2
Preservative	0.1% Sodium Azide
Isotype	IgG1 Kappa
Purity	Unpurified
Buffer	Ascites
Product Description	
Host	Mouse
Gene ID	4747
Gene Symbol	NEFL
Species	Human, Mouse, Rat, Avian, Bovine, Mammal
Reactivity Notes	Bovine reactivity reported in scientific literature (PMID: 25819401).
Marker	Neuronal Marker
Specificity/Sensitivity	Specifically recognizes the light neurofilament subunit or NF-L (~68 kDa).
Immunogen	Native Neurofilament Light protein purified from pig spinal cord [UniProt# P02547]
Product Application Details	
Applications	Western Blot, Simple Western, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:5000 - 1:10000, Simple Western 1:50, Immunohistochemistry 1:250, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500, Immunohistochemistry-Paraffin reported in scientific literature (PMID 25565998)
Application Notes	In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See Simple Western Antibody Database for Simple Western validation: Tested in Human Brain lysate 0.5 mg/mL, separated by Size, antibody dilution of 1:50, apparent MW was 81 kDa. Separated by Size-Wes, Sally Sue/Peggy Sue.

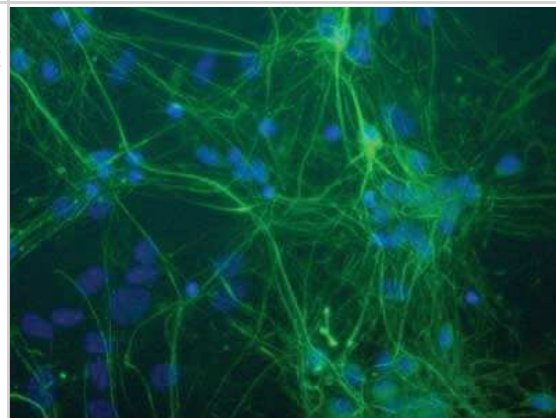


Images

Western Blot: NF-L Antibody (DA2) [NB300-132] - Rat spinal cord homogenate showing the major intermediate filament proteins of the nervous system (lane 1). The remaining lanes show blots of this material stained with various antibodies including NB300-132 (lane 4).



Immunocytochemistry/Immunofluorescence: NF-L Antibody (DA2) [NB300-132] - Staining of neurons in culture using NF-L monoclonal DA2 antibody (green) imaged with a 40X lens. Nuclei are stained blue. Photo Courtesy of Dr. Gerry Shaw.



Simple Western: NF-L Antibody (DA2) [NB300-132] - Image shows a specific band for NF-L in 0.5 mg/mL of Human Brain lysate. This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Publications

Xu Z, Shang J Neoneurogenesis in Squamous Cell Carcinoma of Tongue: A New Mechanism for Its Development OJST 2019-05-13 (IHC-P, Human)

Aboelenain M, Kawahara M, Balboula AZ et al. Status of autophagy, lysosome activity and apoptosis during corpus luteum regression in cattle. J Reprod Dev 2015-06-20 [PMID: 25819401]

Altabella L, Sbriccoli M, Zoratto F et al. Differential responses to acute administration of a new 5-HT7-R agonist as a function of adolescent pre-treatment: pHMRI and immuno-histochemical study. Front Behav Neurosci. 2015-01-08 [PMID: 25565998] (IHC-P, Rat)

Altabella L, Sbriccoli M, Zoratto F. Differential responses to acute administration of a new 5-HT7-R agonist as a function of adolescent pre-treatment: pHMRI and immuno-histochemical study name: Frontiers in behavioral neuroscience et al. 2014-01-01 [PMID: 25565998] (IHC-P, Rat)

King AE, Dickson TC, Blizzard CA et al. Excitotoxicity mediated by non-NMDA receptors causes distal axonopathy in long-term cultured spinal motor neurons. Eur J Neurosci. 2007-10-01 [PMID: 17908171] (ICC/IF, WB, Rat)



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NB300-132

NBL1-13577	NF-L Overexpression Lysate
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NB300-132

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

