

Product Datasheet

NF-H Antibody (NEFL.H/2324R) - Azide and BSA Free NBP3-08552

Unit Size: 100 ug

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP3-08552

NF-H Antibody (NEFL.H/2324R) - Azide and BSA Free

| Product Information | |
|-------------------------|---|
| Unit Size | 100 ug |
| Concentration | 1 mg/ml |
| Storage | Store at -20 to -80C. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | NEFL.H/2324R |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Protein A or G purified |
| Buffer | 10 mM PBS |
| Target Molecular Weight | 200 kDa |

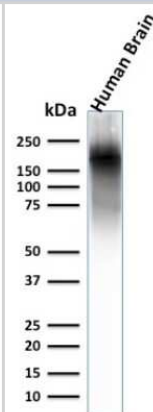
| Product Description | |
|-------------------------|--|
| Description | 1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP3-07406). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C. |
| Host | Rabbit |
| Gene ID | 4744 |
| Gene Symbol | NEFH |
| Species | Human, Mouse, Rat, Porcine, Chicken |
| Marker | Neuronal Marker |
| Specificity/Sensitivity | This monoclonal antibody reacts with a 200kDa protein, identified as heavy sub-unit of neurofilaments (NF-H). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neurofilaments consist of three major subunits with molecular weights of 68kDa (NF-L), 160kDa (NF-M) and 200kDa (NF-H). Anti-neurofilament stains a number of neural, neuroendocrine, and endocrine tumors. Neuromas, ganglioneuromas, gangliogliomas, ganglioneuroblastomas, and neuroblastomas stain positively for anti-neurofilament. Neurofilaments are also present in paragangliomas as well as adrenal and extra-adrenal pheochromocytomas. Carcinoids, neuroendocrine carcinomas of the skin, and oat cell carcinomas of the lung also express neurofilament. |
| Immunogen | Recombinant full-length human NF-H protein (Uniprot: P12036) |

| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin |
| Recommended Dilutions | Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry-Paraffin 1-2 ug/ml |
| Application Notes | Immunohistochemistry Formalin-fixed: 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. |

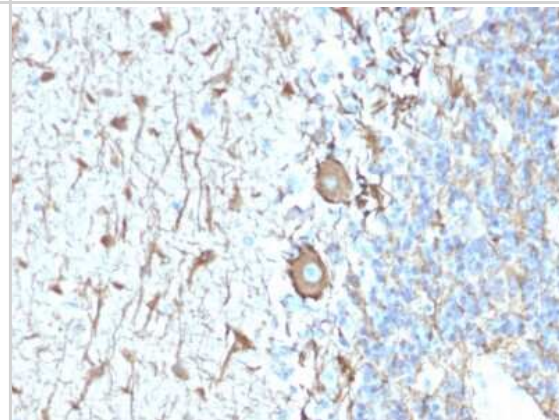


Images

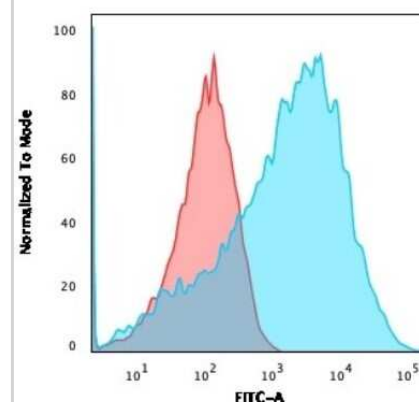
Western Blot: NF-H Antibody (NEFL.H/2324R) - Azide and BSA Free [NBP3-08552] - Western Blot Analysis of human brain lysate using NF-H Rabbit Recombinant Monoclonal Ab (NEFL.H/2324R).



Immunohistochemistry-Paraffin: NF-H Antibody (NEFL.H/2324R) - Azide and BSA Free [NBP3-08552] - Formalin-fixed, paraffin-embedded human Cerebellum stained with NF-H Rabbit Recombinant Monoclonal Antibody (NEFL.H/2324R).



Flow Cytometry: NF-H Antibody (NEFL.H/2324R) - Azide and BSA Free [NBP3-08552] - Flow Cytometric Analysis of HEK293 cells using NF-H Rabbit Recombinant Monoclonal Ab (NEFL.H/2324R) followed by goat anti- Mouse IgG-CF488 (Blue); Isotype control (Red).





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 NBP3-08552

| | |
|--------------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| H00004744-Q01-10ug | Recombinant Human NF-H GST (N-Term) Protein |

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.

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