

# Product Datasheet

## NF-M Antibody (CL2705) - BSA Free NBP2-46625

Unit Size: 0.1 ml

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

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**NBP2-46625**

NF-M Antibody (CL2705) - BSA Free

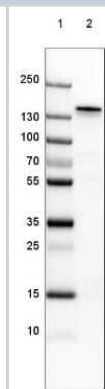
| Product Information |  |
|---------------------|--|
| Unit Size           | 0.1 ml   |
| Concentration       | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage             | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.                           |
| Clonality           | Monoclonal   |
| Clone               | CL2705   |
| Preservative        | 0.02% Sodium Azide   |
| Isotype             | IgG2b  |
| Purity              | Protein A purified   |
| Buffer              | PBS (pH 7.2) and 40% Glycerol  |

| Product Description |  |
|---------------------|--|
| Host                | Mouse  |
| Gene ID             | 4741   |
| Gene Symbol         | NEFM   |
| Species             | Human, Mouse, Rat  |
| Reactivity Notes    | Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Mouse-On-Mouse blocking reagent may be needed for IHC and ICC experiments to reduce high background signal. You can find these reagents under catalog numbers PK-2200-NB and MP-2400-NB. Please contact Technical Support if you have any questions |
| Immunogen           | This antibody was developed using a recombinant protein derived from P07197, with the exact immunogen sequence remaining proprietary.  |

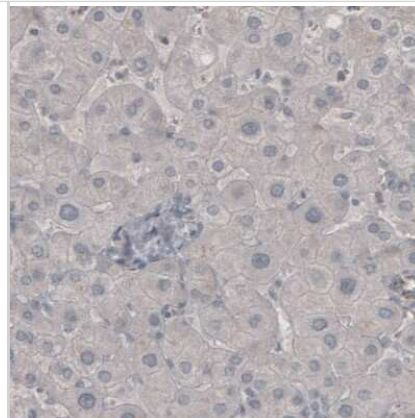
| Product Application Details |   |
|-----------------------------|---|
| Applications                | Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin   |
| Recommended Dilutions       | Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunohistochemistry-Paraffin 1:5000 - 1:10000 |
| Application Notes           | For IHC-Paraffin, HIER pH 6 retrieval is recommended.   |

**Images**

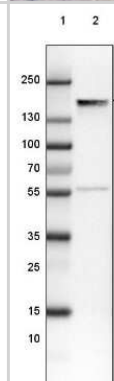
Western Blot: NF-M Antibody (2705) [NBP2-46625] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Mouse Cerebral Cortex tissue



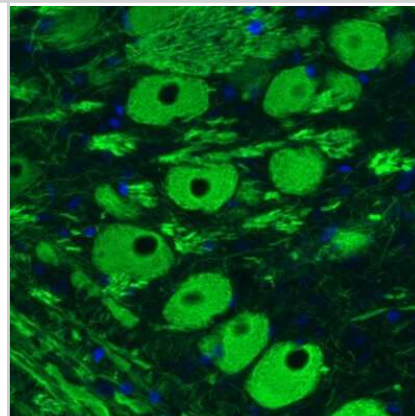
Immunohistochemistry: NF-M Antibody (2705) [NBP2-46625] - Staining of human liver shows absence of immunoreactivity (negative control).



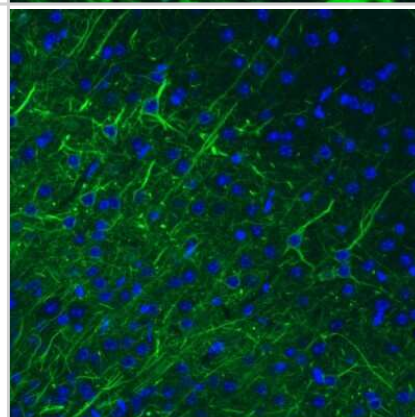
Western Blot: NF-M Antibody (2705) [NBP2-46625] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



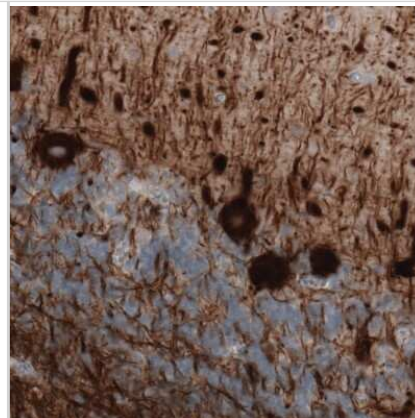
Immunohistochemistry: NF-M Antibody (2705) [NBP2-46625] - Staining of rat brainstem shows strong immunoreactivity in mesencephalic trigeminal nucleus neurons.



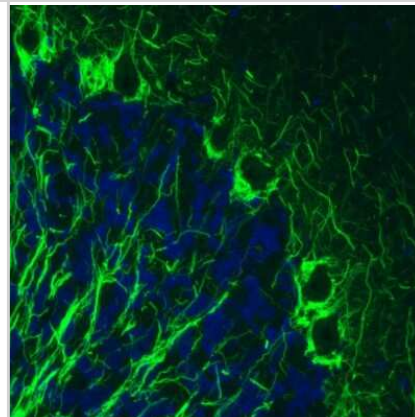
Immunohistochemistry: NF-M Antibody (2705) [NBP2-46625] - Staining of mouse cerebral cortex shows strong immunoreactivity in neurofilaments.



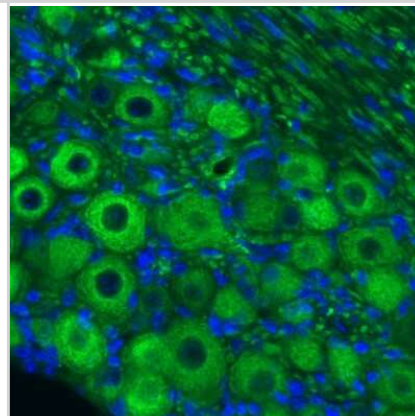
Immunohistochemistry: NF-M Antibody (2705) [NBP2-46625] - Staining of human cerebellum shows strong immunoreactivity in Purkinje cells and neuronal processes.



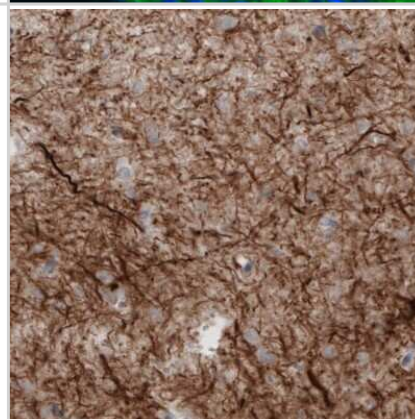
Immunohistochemistry: NF-M Antibody (2705) [NBP2-46625] - Staining of rat cerebellum shows strong immunoreactivity in neuronal processes.



Immunohistochemistry: NF-M Antibody (2705) [NBP2-46625] - Staining of mouse trigeminal ganglion shows strong positivity in primary sensory neurons.



Immunohistochemistry: NF-M Antibody (2705) [NBP2-46625] - Staining of human cerebral cortex shows strong positivity in neural fibers.





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### **Products Related to NBP2-46625**

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|               |   |
|---------------|---|
| HAF007        | Goat anti-Mouse IgG Secondary Antibody [HRP]            |
| NB720-B       | Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin] |
| NBP2-27231    | Mouse IgG2b Isotype Control (MPC-11)                    |
| NBP1-87753PEP | NF-M Recombinant Protein Antigen                        |

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### **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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