

# Product Datasheet

## NF-M Antibody (CL2705) - Azide and BSA Free NBP3-43822

Unit Size: 100 ug

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

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**NBP3-43822**

NF-M Antibody (CL2705) - Azide and BSA Free

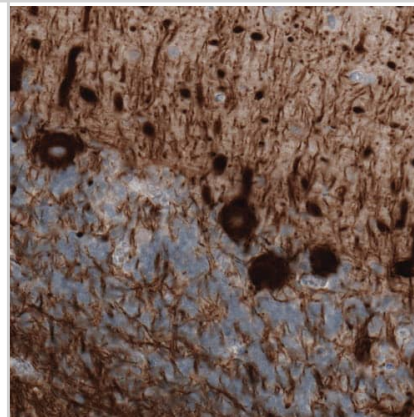
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2705
Preservative	No Preservative
Reconstitution Instructions	Centrifuge the vial of lyophilized antibody at 12,000 x g for 20 seconds. Reconstitute by adding sterile, distilled water to achieve a final antibody concentration of 1mg/ml.
Isotype	IgG2b
Purity	Protein A purified
Buffer	Lyophilized from a 0.2 um filtered solution in PBS with Trehalose

Product Description	
Host	Mouse
Gene ID	4741
Gene Symbol	NEFM
Species	Human, Mouse, Rat
Immunogen	This antibody was generated using a recombinant protein sequence of P07197, with the exact immunogen sequence remaining proprietary.

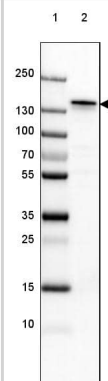
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

**Images**

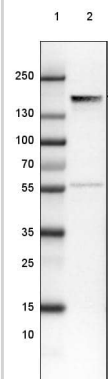
Staining of human cerebellum shows strong immunoreactivity in Purkinje cells and neuronal processes.



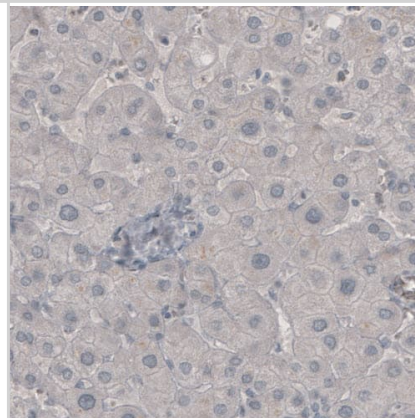
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
Lane 2: Mouse Cerebral Cortex tissue



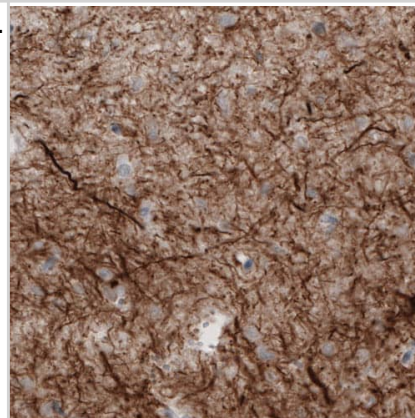
Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10  
Lane 2: Human Cerebral Cortex tissue



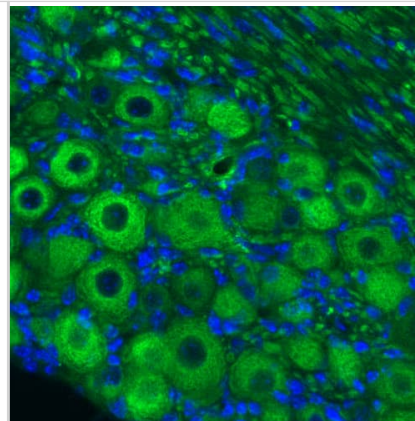
Staining of human liver shows absence of immunoreactivity (negative control).



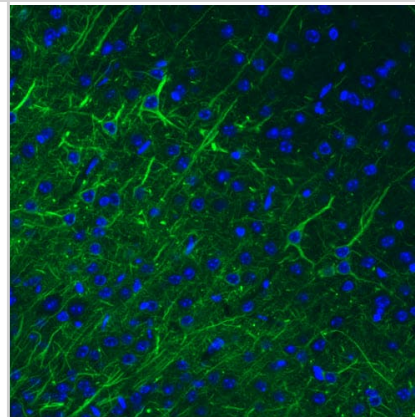
Staining of human cerebral cortex shows strong positivity in neural fibers.



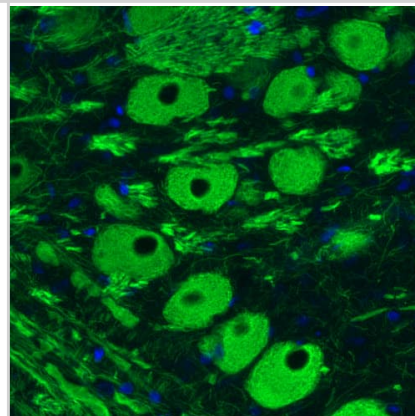
Staining of mouse trigeminal ganglion shows strong positivity in primary sensory neurons.



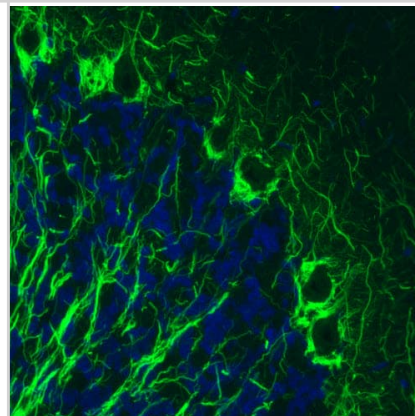
Staining of mouse cerebral cortex shows strong immunoreactivity in neurofilaments.



Staining of rat brainstem shows strong immunoreactivity in mesencephalic trigeminal nucleus neurons.



Staining of rat cerebellum shows strong immunoreactivity in neuronal processes.





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### **Products Related to NBP3-43822**

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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)
NBP2-46618PEP	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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