

# Product Datasheet

## MBP Antibody (CL2827) - BSA Free **NBP2-46631**

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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**NBP2-46631**

MBP Antibody (CL2827) - BSA Free

**Product Information**

<b>Unit Size</b>	0.1 ml
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	CL2827
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH 7.2) and 40% Glycerol

**Product Description**

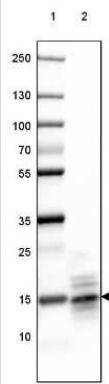
<b>Description</b>	Novus Biologicals Mouse MBP Antibody (CL2827) - BSA Free (NBP2-46631) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	4155
<b>Gene Symbol</b>	MBP
<b>Species</b>	Human, Mouse, Rat
<b>Reactivity Notes</b>	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
<b>Immunogen</b>	This antibody was developed using a recombinant protein derived from P02686, with the exact immunogen sequence remaining proprietary.

**Product Application Details**

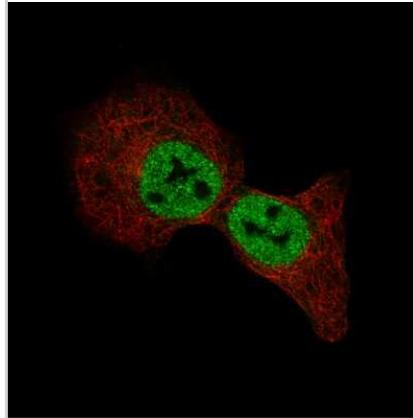
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry- Paraffin 1:5000 - 1:10000
<b>Application Notes</b>	For IHC-Paraffin, HIER pH 6 retrieval is recommended. For ICC/IF, PFA/Triton X-100 is recommended for fixation/permeabilization.

## Images

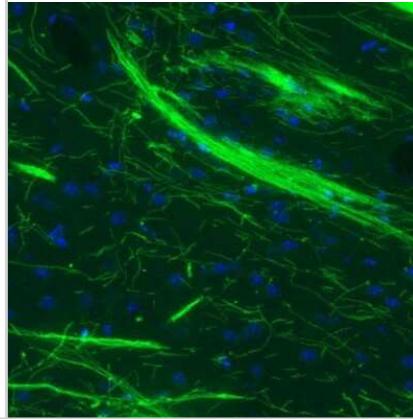
Western Blot: MBP Antibody (CL2827) [NBP2-46631] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Mouse Cerebral Cortex tissue



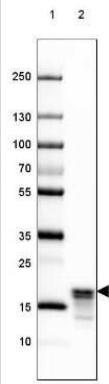
Immunocytochemistry/Immunofluorescence: MBP Antibody (CL2827) [NBP2-46631] - Staining of A549 cells using the Anti-MBP monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



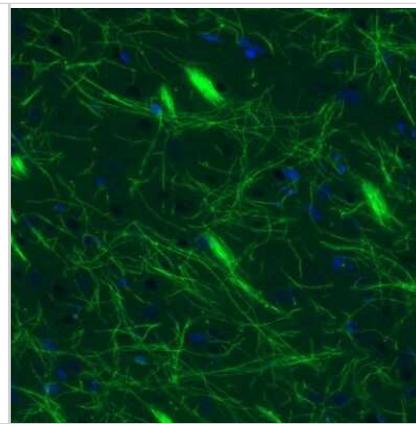
Immunohistochemistry: MBP Antibody (CL2827) [NBP2-46631] - Staining of mouse striatum shows strong positivity in myelinated fibers.



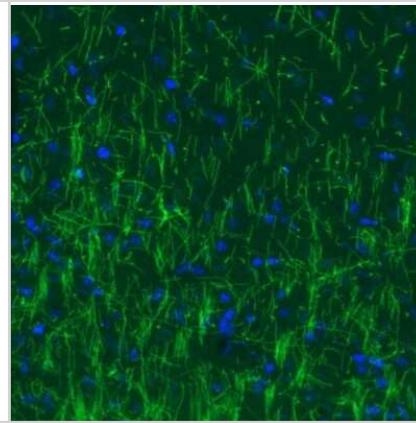
Western Blot: MBP Antibody (CL2827) [NBP2-46631] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



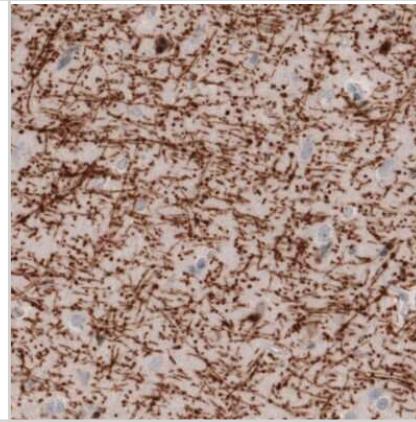
Immunohistochemistry: MBP Antibody (CL2827) [NBP2-46631] -  
Staining of rat striatum shows strong immunoreactivity in myelinated  
neural fibers.



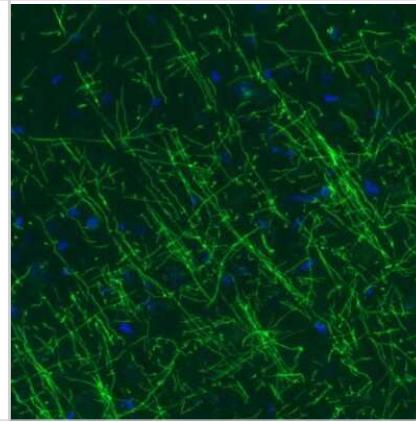
Immunohistochemistry: MBP Antibody (CL2827) [NBP2-46631] -  
Staining of mouse cerebral cortex shows strong immunoreactivity in  
myelinated fibers.



Immunohistochemistry: MBP Antibody (CL2827) [NBP2-46631] -  
Staining of human cerebral cortex shows strong immunoreactivity in  
myelinated fibers.



Immunohistochemistry: MBP Antibody (CL2827) [NBP2-46631] -  
Staining of rat cerebral cortex shows strong immunoreactivity in  
myelinated fibers.





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## Products Related to NBP2-46631

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NBP2-22654	Recombinant E. coli MBP His 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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