

Product Datasheet

MBP Antibody (CL2819) - BSA Free NBP2-46630

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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NBP2-46630

MBP Antibody (CL2819) - BSA Free

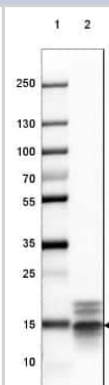
Product Information	
Unit Size	0.1 ml
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CL2819
Preservative	0.02% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

Product Description	
Host	Mouse
Gene ID	4155
Gene Symbol	MBP
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 P02686, with the exact immunogen sequence remaining proprietary.

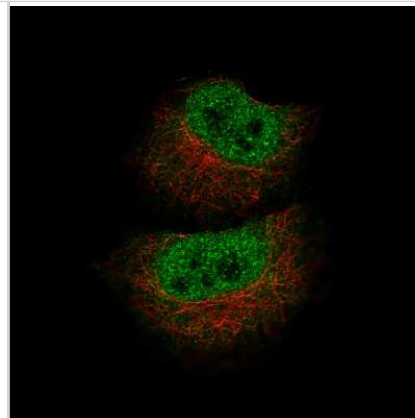
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:5000 - 1:10000, Immunocytochemistry/ Immunofluorescence 2-10 ug/ml, Immunohistochemistry-Paraffin 1:5000 - 1:10000
Application Notes	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 (CL2819) [NBP2-46630] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Mouse Cerebral Cortex tissue



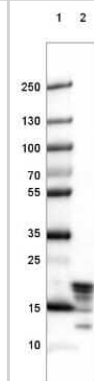
Immunocytochemistry/Immunofluorescence: MBP Antibody (CL2819) [NBP2-46630] - Staining of A549 cells using the Anti-MBP monoclonal antibody, showing specific staining in the nucleoplasm in green. Microtubule- and nuclear probes are visualized in red and blue, respectively (where available).



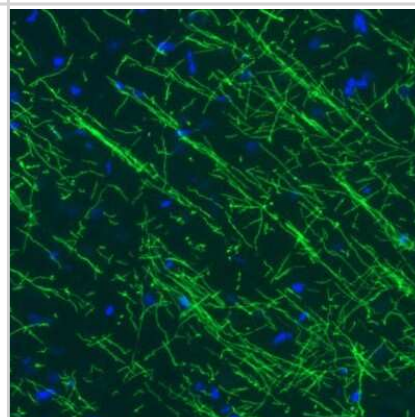
Immunohistochemistry: MBP Antibody (CL2819) [NBP2-46630] - Staining of human tonsil shows absence of immunoreactivity (negative control).



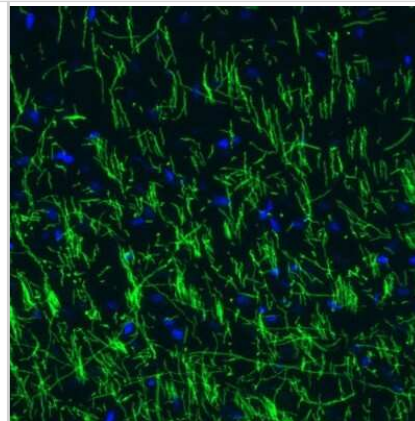
Western Blot: MBP Antibody (CL2819) [NBP2-46630] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue



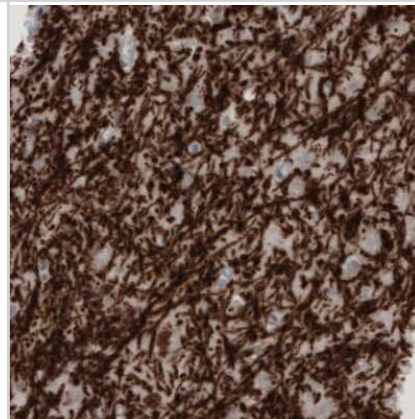
Immunohistochemistry: MBP Antibody (CL2819) [NBP2-46630] - Staining of rat cerebral cortex shows strong immunoreactivity in myelinated neural fibers.



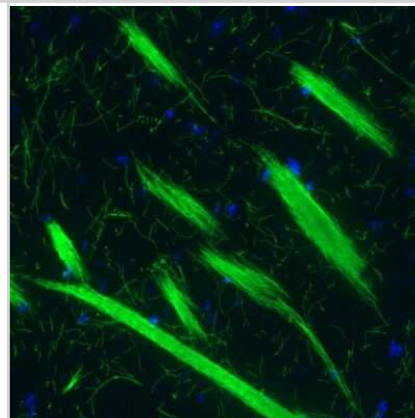
Immunohistochemistry: MBP Antibody (CL2819) [NBP2-46630] - Staining of mouse cerebral cortex shows strong positivity in myelinated neural fibers.



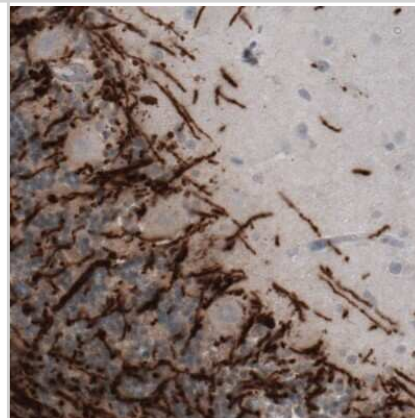
Immunohistochemistry: MBP Antibody (CL2819) [NBP2-46630] - Staining of human cerebral cortex shows strong immunoreactivity in myelinated fibers.



Immunohistochemistry: MBP Antibody (CL2819) [NBP2-46630] - Staining of mouse striatum shows strong positivity in myelinated fibers.



Immunohistochemistry: MBP Antibody (CL2819) [NBP2-46630] - Staining of human cerebellum shows strong immunoreactivity in myelinated neural fibers.



Publications

GrUter T, Blusch A, Motte J et al. Immunomodulatory and anti-oxidative effect of the direct TRPV1 receptor agonist capsaicin on Schwann cells J Neuroinflammation 2020-05-06 [PMID: 32375895]



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Products Related to NBP2-46630

NBP2-46630PEP	MBP Recombinant Protein Antigen
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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