Product Datasheet

MOG Antibody (CL2858) - BSA Free
NBP2-46634

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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Publications: 1

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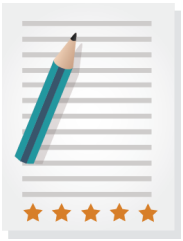
www.novusbio.com/NBP2-46634

Updated 12/2/2025 v.20.1



NBP2-46634

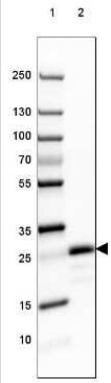
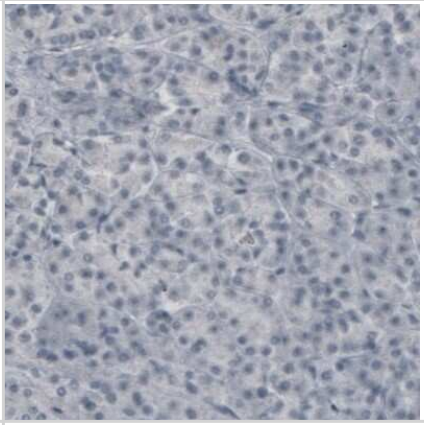
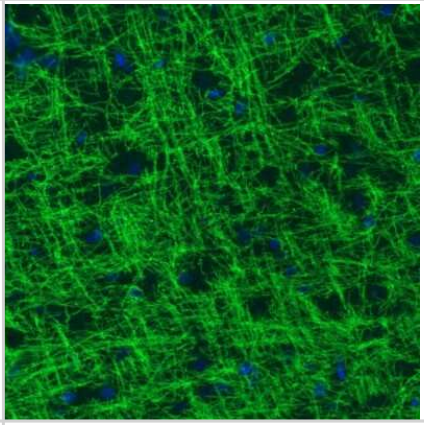
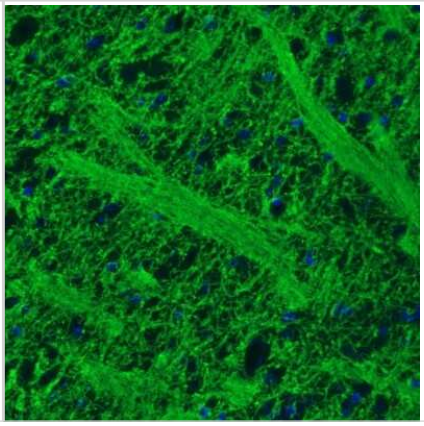
MOG Antibody (CL2858) - BSA Free

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	CL2858
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2) and 40% Glycerol

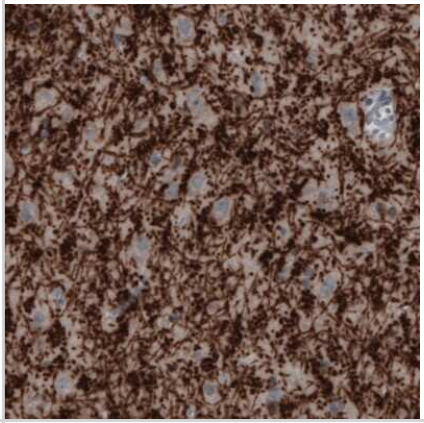
Product Description	
Description	Novus Biologicals Mouse MOG Antibody (CL2858) - BSA Free (NBP2-46634) is a monoclonal antibody validated for use in IHC and WB. Anti-MOG Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4340
Gene Symbol	MOG
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 Q16653, with the exact immunogen sequence remaining proprietary.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunohistochemistry-Frozen
Recommended Dilutions	Western Blot 1 ug/ml, Immunohistochemistry 1:2500 - 1:5000, Immunohistochemistry-Paraffin 1:2500 - 1:5000, Immunohistochemistry-Frozen Reported in scientific publication (PMID: 32733206)
Application Notes	For IHC-Paraffin, HIER pH 6 retrieval is recommended.

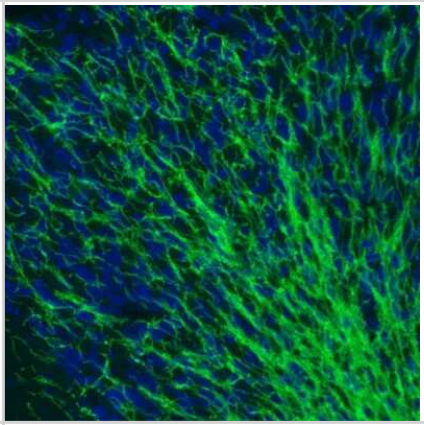
Images

Western Blot: MOG Antibody (CL2858) [NBP2-46634] - Lane 1: Marker [kDa] 250, 130, 100, 70, 55, 35, 25, 15, 10. Lane 2: Human Cerebral Cortex tissue	
Immunohistochemistry-Paraffin: MOG Antibody (CL2858) [NBP2-46634] - Staining of human pancreas shows absence of immunoreactivity (negative control).	
Immunohistochemistry: MOG Antibody (CL2858) [NBP2-46634] - Staining of rat cerebral cortex shows strong immunoreactivity in myelinated neural fibers.	
Immunohistochemistry: MOG Antibody (CL2858) [NBP2-46634] - Staining of mouse brainstem shows strong immunoreactivity in myelinated neural processes.	

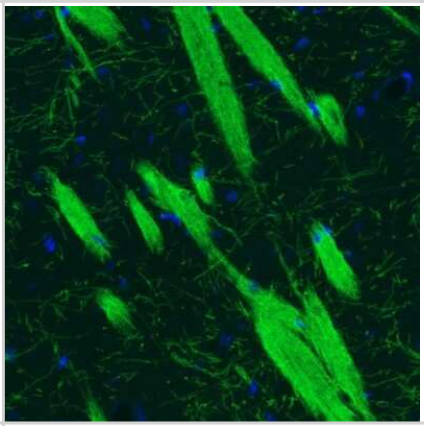
Immunohistochemistry-Paraffin: MOG Antibody (CL2858) [NBP2-46634] - Staining of human cerebral cortex shows strong immunoreactivity in myelinated neural fibers.



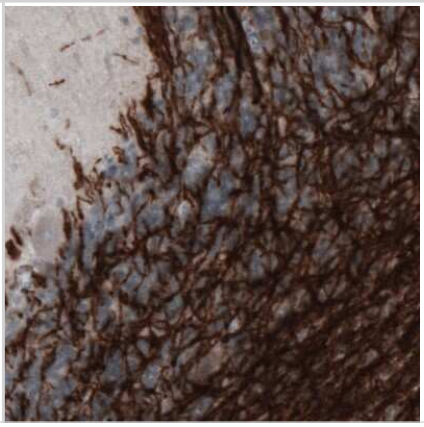
Immunohistochemistry: MOG Antibody (CL2858) [NBP2-46634] - Staining of rat cerebellum shows strong positivity in myelinated neural fibers.



Immunohistochemistry: MOG Antibody (CL2858) [NBP2-46634] - Staining of mouse striatum shows strong positivity in myelinated neural fibers.



Immunohistochemistry-Paraffin: MOG Antibody (CL2858) [NBP2-46634] - Staining of human cerebellum shows strong immunoreactivity in myelinated neural processes.



Publications

Veroni C, Serafini B, Rosicarelli B et al. Connecting Immune Cell Infiltration to the Multitasking Microglia Response and TNF Receptor 2 Induction in the Multiple Sclerosis Brain Front. Cell. Neurosci. 2020-07-07 [PMID: 32733206] (IHC-Fr, Human)

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Products Related to NBP2-46634

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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