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Datasheet for ABIN7268722

anti-MOG antibody

3 Images

Overview

Quantity:	100 µL
Target:	MOG
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MOG antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF)

Product Details

Purpose:	Myelin oligodendrocyte glycoprotein Rabbit mAb
Immunogen:	A synthesized peptide derived from human Myelin oligodendrocyte glycoprotein
Isotype:	IgG
Cross-Reactivity:	Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

Target Details

Target:	MOG
Alternative Name:	MOG (MOG Products)
Background:	The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface

Target Details

and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008],BTN6, BTNL11, MOGIG2, NRCLP7,Cell Type Marker,Cell Type Marker_Axon marker,Cell Type Marker_Neuron marker,Cell Type Marker_Oligodendrocyte marker,Neuroscience,MOG

Molecular Weight: 28kDa

Gene ID: 4340

UniProt: [Q16653](#)

Application Details

Application Notes: WB,1:500 - 1:2000,IF,1:50 - 1:200

Restrictions: For Research Use only

Handling

Format: Liquid

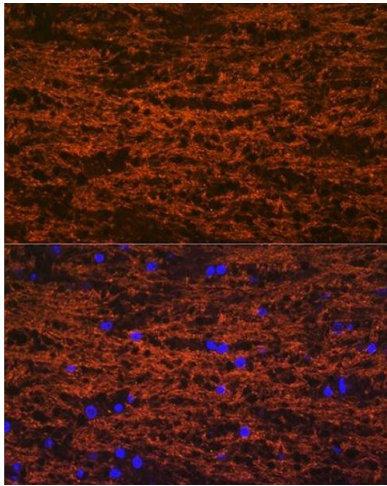
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

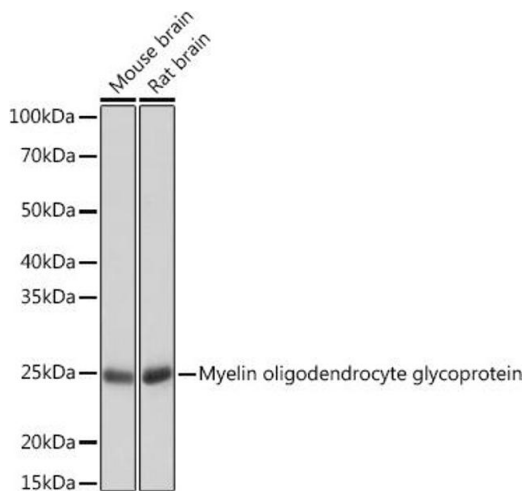
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



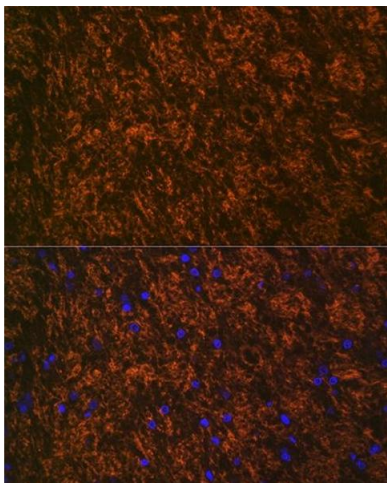
Immunofluorescence

Image 1. Immunofluorescence analysis of mouse brain using Myelin oligodendrocyte glycoprotein Rabbit mAb (ABIN7268722) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using Myelin oligodendrocyte glycoprotein Rabbit mAb (ABIN7268722) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.



Immunofluorescence

Image 3. Immunofluorescence analysis of rat brain using Myelin oligodendrocyte glycoprotein Rabbit mAb (ABIN7268722) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.