

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody
Catalog # ABO14480**Specification**

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody - Product Information

Application	WB, IHC, IF, ICC
Primary Accession	Q16653
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid

Description

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody . Tested in WB, IHC, ICC/IF applications. This antibody reacts with Human, Mouse, Rat.

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody - Additional Information

Gene ID 4340

Other Names

Myelin-oligodendrocyte glycoprotein, MOG

Application Details

WB 1:500-1:2000
IHC 1:100-1:500
ICC/IF 1:100-1:500

Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

Immunogen

A synthesized peptide derived from human Myelin oligodendrocyte glycoprotein Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.

Purification

Affinity-chromatography

Storage

Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody - Protein Information

Name MOG

Function

Mediates homophilic cell-cell adhesion (By similarity). Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.

Cellular Location

[Isoform 1]: Cell membrane; Multi- pass membrane protein [Isoform 2]: Cell membrane; Single-pass type I membrane protein [Isoform 4]: Cell membrane; Single- pass type I membrane protein [Isoform 7]: Cell membrane; Single- pass type I membrane protein [Isoform 9]: Cell membrane; Single- pass type I membrane protein

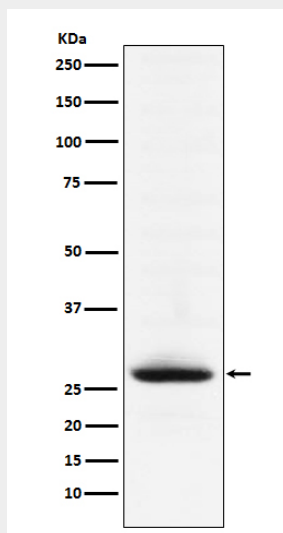
Tissue Location

Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody - Images

Western blot analysis of Myelin oligodendrocyte glycoprotein expression in mouse brain lysate.