

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody

Catalog # ABO14480

Specification

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody - Product Information

Application WB, IHC, IF, ICC

Primary Accession

Host
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



Tel: 858.875.1900 Fax: 858.875.1999

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; Singlepass 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

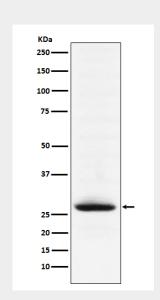
Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes

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
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody - Images



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