

Anti-Myelin oligodendrocyte glycoprotein Monoclonal Antibody

Catalog # ABO14480

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.

Additional Information

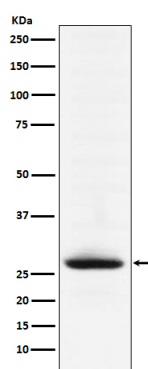
Gene ID	4340
Other Names	Myelin-oligodendrocyte glycoprotein, MOG
Calculated MW	28193
Application Details	WB 1:500-1:2000 IHC 1:100-1:500 ICC/IF 1:100-1:500
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names Immunogen	Clone: ACID-13 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.

Protein Information

Name	MOG
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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

Images



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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.