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MOG Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP18125c

Specification

MOG Antibody (Center) Blocking Peptide - Product Information

Primary Accession Q16653

MOG Antibody (Center) Blocking Peptide - Additional Information

Gene ID 4340

Other Names
Myelin-oligodendrocyte glycoprotein, MOG

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

MOG Antibody (Center) Blocking Peptide - 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

MOG Antibody (Center) Blocking Peptide - Protocols

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

- Blocking Peptides

MOG Antibody (Center) Blocking Peptide - Images

MOG Antibody (Center) Blocking Peptide - Background

The product of this gene is a membrane protein expressedon the oligodendrocyte cell surface and the outermost surface ofmyelin sheaths. Due to this localization, it is a primary targetantigen involved in immune-mediated demyelination. This protein maybe involved in completion and maintenance of the myelin sheath andin cell-cell communication. Alternatively spliced transcriptvariants encoding different isoforms have been identified.

MOG Antibody (Center) Blocking Peptide - References

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)Boyle, L.H., et al. J. Neurochem. 102(6):1853-1862(2007)Allamargot, C., et al. J. Neurochem. 101(2):298-312(2007)Delarasse, C., et al. J. Neurochem. 98(6):1707-1717(2006)Ballenthin, P.A., et al. J. Neurosci. Res. 46(2):271-281(1996)