

**OMG Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP8943c****Specification**

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**OMG Antibody (Center) Blocking Peptide -  
Product Information**Primary Accession [P23515](#)**OMG Antibody (Center) Blocking Peptide -  
Additional Information****Gene ID** 4974**Other Names**Oligodendrocyte-myelin glycoprotein, OMG,  
OMGP**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP8943c](/products/AP8943c) was selected from the Center region of human OMG. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**OMG Antibody (Center) Blocking Peptide - Protein  
Information****Name** OMG**Synonyms** OMGP**OMG Antibody (Center) Blocking Peptide -  
Background**

OMG is a cell adhesion molecule contributing to the interactive process required for myelination in the central nervous system.

**OMG Antibody (Center) Blocking Peptide -  
References**

Martins-de-Souza,D., et.al., J Neural Transm 116 (3), 275-289 (2009)Douglas,J., et.al., Nat. Genet. 39 (8), 963-965 (2007)

**Function**

Cell adhesion molecule contributing to the interactive process required for myelination in the central nervous system.

**Cellular Location**

Cell membrane; Lipid-anchor, GPI-anchor.

**Tissue Location**

Oligodendrocytes and myelin of the central nervous system

**OMG Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)