



Catalog Number:	GT15141	Host:	Goat
Product Type:	Affinity purified	Species Reactivity:	Human
Immunogen Sequence:	NS0-derived, recombinant aminoterminal extracellular domain of human Myelin Oligodendrocyte Glycoprotein (rhMOG) isoform 1.	Format:	Liquid 1mg/ml Solution in phosphate-buffered saline (PBS) with 5% Trehlose
Applications:	Immunohistochemistry : 2 - 5 µg/mL. Western Blot: 0.1 - 0.2 µg/mL ELISA: 0.5 - 1.0 µg/mL		

Dilutions listed as a recommendation. Optimal dilution should be determined by investigator.

Storage: Antibody can be aliquotted and stored frozen at -20° C to -70° C in a manual defrost freezer for six months without detectable loss of activity. The antibody can be stored at 2° - 8° C for 1 month without detectable loss of activity. *Avoid repeated freeze-thaw cycles.*

Application Notes

Specificity

This antibody has been selected for its ability to recognize human MOG in the applications listed below. In direct ELISAs and western blots, this antibody shows approximately 50% cross-reactivity with rmMOG.

Direct ELISA

This antibody can be used at 0.5 - 1.0 µg/mL with the appropriate secondary reagents to detect human MOG. The detection limit for rhMOG is approximately 0.3 ng/well.

Western blot

This antibody can be used at 0.1 - 0.2 µg/mL with the appropriate secondary reagents to detect human MOG. The detection limit for rhMOG is approximately 25 ng/lane under non-reducing and reducing conditions.

Immunohistochemistry

This antibody will detect MOG in cells and tissues. The working dilution is 2 - 5 µg/mL

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