

## Anti-MOG antibody



<b>Description</b>	Unconjugated Rabbit polyclonal to MOG
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<b>Model</b>	STJ190996
<b>Host</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Synthesized peptide derived from human MOG protein.
<b>Immunogen Region</b>	30-110aa
<b>Gene ID</b>	<a href="#">4340</a>
<b>Gene Symbol</b>	<a href="#">MOG</a>
<b>Dilution range</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Specificity</b>	MOG Polyclonal Antibody detects endogenous levels of protein.
<b>Tissue Specificity</b>	Found exclusively in the CNS, where it is localized on the surface of myelin and oligodendrocyte cytoplasmic membranes.
<b>Purification</b>	MOG antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Note</b>	For Research Use Only (RUO).
<b>Protein Name</b>	Myelin-oligodendrocyte glycoprotein
<b>Molecular Weight</b>	27 kDa
<b>Clonality</b>	Polyclonal

<b>Conjugation</b>	Unconjugated
<b>Isotype</b>	IgG
<b>Formulation</b>	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Concentration</b>	1 mg/ml
<b>Storage Instruction</b>	Store at -20°C, and avoid repeat freeze-thaw cycles.
<b>Database Links</b>	<a href="#">HGNC:7197</a> <a href="#">OMIM:159465</a>
<b>Alternative Names</b>	Myelin-oligodendrocyte glycoprotein
<b>Function</b>	Mediates homophilic cell-cell adhesion . Minor component of the myelin sheath. May be involved in completion and/or maintenance of the myelin sheath and in cell-cell communication. (Microbial infection) Acts as a receptor for rubella virus.
<b>Cellular Localization</b>	Isoform 1: Cell membrane Isoform 5: Cell membrane Isoform 2: Cell membrane Isoform 3: Cell membrane Isoform 4: Cell membrane Isoform 6: Cell membrane Isoform 7: Cell membrane Isoform 8: Cell membrane Isoform 9: Cell membrane

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