

Anti-MOG antibody



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

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:7197OMIM:159465
Alternative Names	Myelin-oligodendrocyte glycoprotein
Function	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.
Cellular Localization	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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