

Mouse Myelin Oligodendrocyte Glycoprotein (MOG) Monoclonal Antibody | anti-MOG antibody

Monoclonal Antibody to Myelin Oligodendrocyte Glycoprotein (MOG)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152640	Mouse	Human, Rat, Pig	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

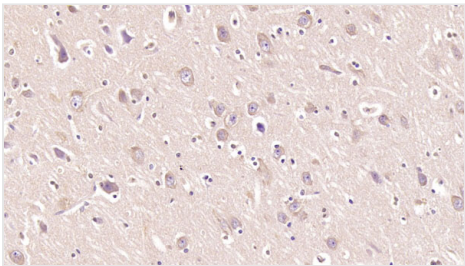
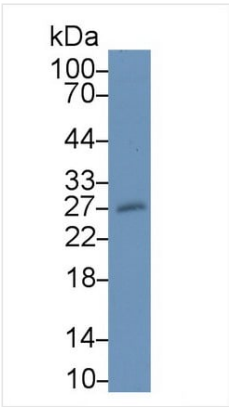
PRODUCT SYNONYMS

Myelin Oligodendrocyte Glycoprotein (MOG); Monoclonal Antibody; Monoclonal Antibody to Myelin Oligodendrocyte Glycoprotein (MOG); Myelin Oligodendrocyte Glycoprotein; anti-MOG antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Pig
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	D2
Specificity	The antibody is a mouse monoclonal antibody raised against MOG. It has been selected for its ability to recognize MOG in immunohistochemical staining and western blotting.
Purity/Purification	Affinity Chromatography
Form/Format	Liquid. 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Sequence Positions	Gly30~Tyr149
Applicable Applications for anti-MOG antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant Myelin Oligodendrocyte Glycoprotein (MOG)
Preparation and Storage	Store at 4 degree C for frequent use. Store at -20 degree C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles. Stable for 12 months if correctly stored. The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



IHC (Immunohistochemistry)
DAB staining on IHC-P; Sample: human Cerebrum Tissue; Primary Ab: 40ug/ml Mouse Anti-human MOG Antibody Second Ab: 2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

WB (Western Blot)
Western Blot; Sample: Rat Cerebrum lysate Primary Ab: 2ug/ml Mouse Anti-human MOG Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-MOG antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Infection immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	56788389
NCBI GeneID	4340
NCBI Accession #	NP_001008229.1
NCBI GenBank Nucleotide #	NM_001008228.2
UniProt Accession #	Q16653; O00713; O00714; O00715; Q13054; Q13055; A6NDR4; A6NNJ9; A8MY31; B0UZR9; E9PGF0; F8W9D5
Molecular Weight	33,528 Da
NCBI Official Full Name	myelin-oligodendrocyte glycoprotein isoform alpha3
NCBI Official Synonym Full Names	myelin oligodendrocyte glycoprotein
NCBI Official Symbol	MOG
NCBI Official Synonym Symbols	BTN6; BTNL11; MOGIG2; NRCLP7
NCBI Protein Information	myelin-oligodendrocyte glycoprotein; MOG Ig-AluB; MOG alpha-5
UniProt Protein Name	Myelin-oligodendrocyte glycoprotein
UniProt Gene Name	MOG
UniProt Entry Name	MOG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/myelin-oligodendrocyte-glycoprotein-mog-antibody-clone-d2-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/152640>