

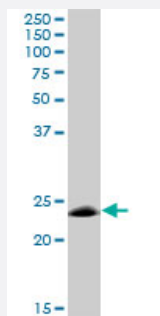
MaxPab®

MOG MaxPab mouse polyclonal antibody (B01)

Catalog # H00004340-B01

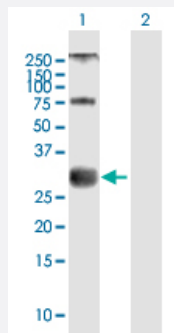
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Applications



Western Blot (Tissue lysate)

MOG MaxPab polyclonal antibody. Western Blot analysis of MOG expression in rat brain.



Western Blot (Transfected lysate)

Western Blot analysis of MOG expression in transfected 293T cell line ([H00004340-T01](#)) by MOG MaxPab polyclonal antibody.

Lane 1: MOG transfected lysate(32.56 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MOG protein.

Immunogen

MOG (AAH35938, 1 a.a. ~ 295 a.a) full-length human protein.

Sequence

MASLSRPSLPSCLCsFLLLLLLQVSSSYAGQFRVIGPRHPIRALVGDEVELPCRISPGKNATGMEV
GWYRPPFSRVVHLYRNGKDQDGDQAPEYRGTELLKDAIGEGKVTLRIRNVRFSDGGFTCFR
DHSYQEEAAMELKVEDPFYWVSPGVLVLLAVLPVLLLQITVGLVFLCLQYRLRGKLRAELENLHRT
FDPHFLRVPCWKITLFVIVPVLGPLVALIICYNWLHRRLAGQFLEELRKFSLLCYKQRIKSQERETEA
TRGRGGLLRDHIPRGKEELES LGGKTPPGR

Host

Mouse

Reactivity	Human, Rat
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

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[Protocol Download](#)

Gene Info — MOG

Entrez GeneID	4340
GeneBank Accession#	BC035938
Protein Accession#	AAH35938
Gene Name	MOG
Gene Alias	MGC26137, MOGIG-2
Gene Description	myelin oligodendrocyte glycoprotein
Omim ID	159465
Gene Ontology	Hyperlink

Gene Summary

The product of this gene is a membrane protein expressed on the oligodendrocyte cell surface and the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen involved in immune-mediated demyelination. This protein may be involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq]

Other Designations

MOG Ig-AluB|MOG alpha-6|OTTHUMP00000029122|OTTHUMP00000029124|OTTHUMP00000029125|OTTHUMP00000029126|OTTHUMP00000029127

Disease

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- [Diabetes Mellitus](#)
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- [Edema](#)
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