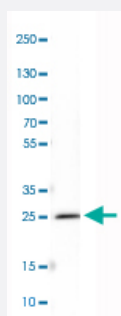


MOG monoclonal antibody, clone CL2852

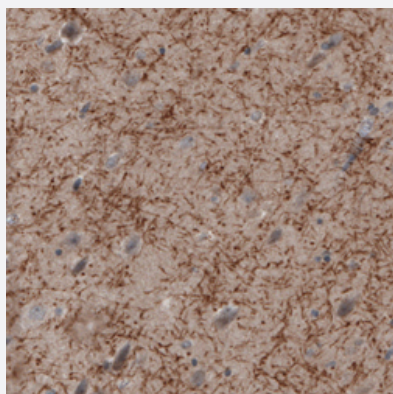
Catalog # MAB15776 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with MOG monoclonal antibody, clone CL2852 (Cat # MAB15776).



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human cerebral cortex with MOG monoclonal antibody, clone CL2852 (Cat # MAB15776) shows strong immunoreactivity in myelinated neural fibers.

Specification

Product Description	Mouse monoclonal antibody raised against partial recombinant human MOG.
Immunogen	Recombinant protein corresponding to human MOG.
Epitope	This antibody binds to an epitope located within the peptide sequence FSRVVHLYRNGKDQD as determined by overlapping synthetic peptides.
Sequence	ALVGDEVELPCRISPGKNATGMEVGWYRPPFSRVVHLYRNGKDQDGDQAPEYRGRTPELLKDAIG EGKVTLRIRNVRFSDGGFTCFRDHSYQEEAAMELKVEDPFYWVSPG
Host	Mouse

Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:1000-1:2500) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Tissue lysate)

Western Blot analysis of human cerebral cortex tissue lysate with MOG monoclonal antibody, clone CL2852 (Cat # MAB15776).

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Gene Info — MOG

Entrez GeneID	4340
Protein Accession#	Q16653
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

- [Autistic Disorder](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Susceptibility](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Lupus Erythematosus](#)
- [Multiple Sclerosis](#)
- [Obsessive-Compulsive Disorder](#)
- [Personality Assessment](#)
- [Schizophrenia](#)
- [Tobacco Use Disorder](#)