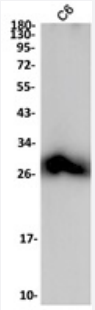
RecomAb™

MOG recombinant monoclonal antibody, clone R04-4K8

Catalog # RAB04948 Size 100 uL

Applications



Western Blot (Cell lysate)

Western blot analysis of C6 lysates with MOG recombinant monoclonal antibody, clone R04-4K8 (Cat # RAB04948).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MOG.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against a synthetic peptide corresponding to human MOG.
Theoretical MW (kDa)	28
Reactivity	Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunocytochemistry (1:50-1:200) Immunofluorescence (1:50-1:200) Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In 50 mM Tris-Glycine, pH 7.4 (0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA)

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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 shoul d be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

  Western blot analysis of C6 lysates with MOG recombinant monoclonal antibody, clone R04-4K8 (Cat # RAB04948).

- Immunocytochemistry

- Immunofluorescence

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 an d the outermost surface of myelin sheaths. Due to this localization, it is a primary target antigen in volved in immune-mediated demyelination. This protein may be involved in completion and maint enance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variant s 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

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- Cardiovascular Diseases
- Diabetes Mellitus
- Disease Susceptibility
- Edema
- Genetic Predisposition to Disease
- Lupus Erythematosus
- Multiple Sclerosis
- Obsessive-Compulsive Disorder
- Personality Assessment
- Schizophrenia
- Tobacco Use Disorder

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