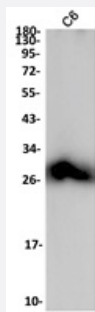


RecomAb™

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)

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 (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 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](#)