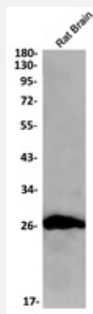


RecomAb™

MOG recombinant monoclonal antibody, clone R09-6I4

Catalog # RAB04947 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of rat brain lysates with MOG recombinant monoclonal antibody, clone R09-6I4 (Cat # RAB04947).

Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human MOG.
Antibody Species	Rabbit
Immunogen	Original antibody is raised against recombinant protein corresponding to human MOG.
Theoretical MW (kDa)	28
Reactivity	Rat
Form	Liquid
Purification	Affinity purification
Isotype	IgG
Recommend Usage	Immunoprecipitation(1:20) 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 (Tissue lysate)

Western blot analysis of rat brain lysates with MOG recombinant monoclonal antibody, clone R09-6I4 (Cat # RAB04947).

- Immunoprecipitation

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](#)
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