

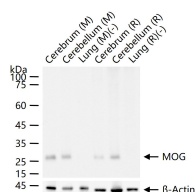
bsm-54073R**[Primary Antibody]****MOG Recombinant Rabbit mAb****Bioss**
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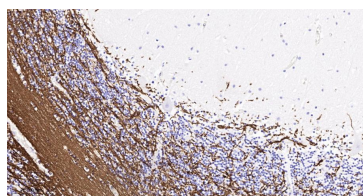
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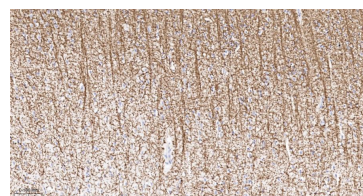
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Recombinant**CloneNo.:** 7A1**GeneID:** 4340**SWISS:** Q16653**Target:** MOG**Immunogen:** KLH conjugated synthetic peptide derived from human MOG: 50-100/247.**Purification:** affinity purified by Protein A**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** 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, Jul 2008]**Applications:** WB (1:500-2000)**IHC-P** (1:100-500)**IHC-F** (1:100-500)**IF** (1:100-500)**Reactivity:** Human, Mouse, Rat**Predicted
MW.:** 24 kDa**Subcellular
Location:** Cell membrane**— VALIDATION IMAGES —**

25 ug total protein per lane of various lysates (see on figure) probed with MOG monoclonal antibody, unconjugated (bsm-54073R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Cerebellum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MOG Monoclonal Antibody, Unconjugated (bsm-54073R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with MOG Monoclonal Antibody, Unconjugated (bsm-54073R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.