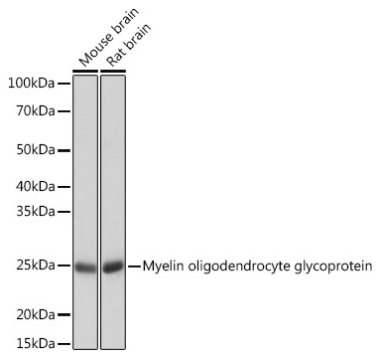
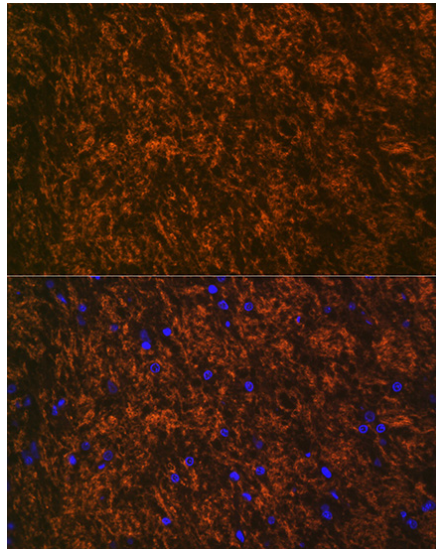


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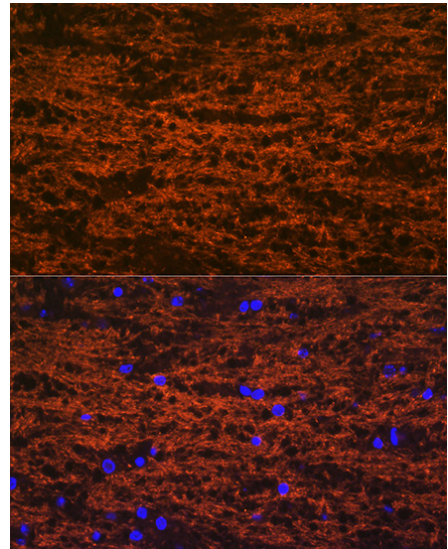
<b>Product name:</b>	MOG /Myelin oligodendrocyte glycoprotein
<b>Cat number:</b>	MAB-94594
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100ug
<b>Clone:</b>	ARC0879
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Myelin oligodendrocyte glycoprotein
<b>Reactivity:</b>	Hu, Ms, Rt
<b>Applications:</b>	Western Blot: 1:500 - 1:1000 Immunofluorescence: 1:50 - 1:200 Immunocytochemistry: 1:50 - 1:200
<b>Molecular Weight:</b>	28kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	Liquid
<b>Buffer:</b>	PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Background:</b>	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.



Western blot analysis of extracts of various cell lines, using Myelin oligodendrocyte glycoprotein antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 10s.



Immunofluorescence analysis of rat brain using Myelin oligodendrocyte glycoprotein antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunofluorescence analysis of mouse brain using Myelin oligodendrocyte glycoprotein antibody at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.