

Product Datasheet

Anti-MOG Antibody FL490 Conjugate



Overview

Catalog #	75-412-FL490
Conjugate	FL490 Ex: 491 nm, Em: 515 nm
Isotype	IgG2b
Clone Number	L94/54
Size	200 µL
Concentration	0.5 mg/mL
Host Species	Mouse Monoclonal
Format	Purified by Protein A chromatography
Buffer	PBS with 0.09% azide
Applications	ICC, IHC
Species Reactivity	Rat
Immunogen	Fusion protein amino acids 1-125 (third intracellular loop) of rat MOG (accession number Q6MFX9) produced recombinantly in E. Coli
Molecular Weight	28 kDa
Cite this Antibody	Antibodies Inc Cat# 75-412-FL490, RRID: AB_2940364

Details

Target Description	Myelin-oligodendrocyte glycoprotein is encoded by the gene MOG. MOG is a membrane protein expressed on the cell surface of oligodendrocytes and thought to provide structural integrity to the outermost surface of myelin sheaths. MOG is involved in mediation of homophilic cell-cell adhesion. MOG is expressed in brain and the central nervous system. Diseases associated with this gene include Narcolepsy and Rubella.
Specificity	
Purification Method	Produced by in vitro bioreactor culture of hybridoma line followed by Protein A affinity chromatography and conjugation of purified mAb. Purified mAbs are >90% specific antibody.
Quality Control Tests	Each new lot of antibody is quality control tested by IHC on either rat or mouse brain and confirmed to give the expected staining pattern.
Storage	Aliquot and store at ≤ -20°C for long term storage. For short term storage, store at 2-8°C. For maximum recovery of product, centrifuge the vial prior to removing the cap.

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