Mouse MOG Alexa Fluor® 405-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: AF2439V
100 µg

DESCRIPTION

Species Reactivity	Mouse
Specificity	Detects mouse MOG in direct ELISAs and Western blots. In direct ELISAs, less than 40% cross-reactivity with recombinant human MOG is observed.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse myeloma cell line NS0-derived recombinant mouse MOG Gly29-Gly153 Accession # Q61885
Conjugate	Alexa Fluor 405 Excitation Wavelength: 405 nm Emission Wavelength: 421 nm
Formulation	Supplied 0.2mg/ml in 1X PBS with RDF1 and 0.09% Sodium Azide *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

Western Blot	Optimal dilution of this antibody should be experimentally determined.
Immunohistochemistry	Optimal dilution of this antibody should be experimentally determined.

PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. 12 months from date of receipt, 2 to 8 °C as supplied

BACKGROUND

Mouse MOG is an integral membrane protein belonging to the immunoglobulin superfamily. It is found exclusively on myelinating oligodendrocytes in the central nervous system. The amino-terminal extracellular domain of mouse MOG shares 97% and 92% amino acid sequence identity with the corresponding regions of rat and human MOG, respectively.

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