

Product Data Sheet

Cat # AB-19910

Mouse Anti-Mouse Anti Methicillin-Resistant Staphylococcus Aureus IgG

**Size:** 100ug

**Synonyms:**

MGC26137, MOG, MYELIN-OLIGODENDROCYTE GLYCOPROTEIN

**Type:**

Mouse Antibody Monoclonal

**Introduction:**

MOG 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. MOG is involved in completion and maintenance of the myelin sheath and in cell-cell communication. Alternatively spliced transcript variants encoding different isoforms have been identified. Minor component of the myelin sheath is involved in completion and/or maintenance of the myelin sheath and in cell-cell communication.

**Immunogen:**

synthetic pMOG 35-55

**Ig Subclass:**

mouse IgG1, Clone: NYRMOG, purified by ion exchange column, 1mg/mL in PBS after reconstitution, Reconstitute with H<sub>2</sub>O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use. Direct ELISA, Western Blot, Immunoprecipitation, immunohistochemistry

**Storage Procedures:**

In lyophilized form, for long periods, store at 4°C in a dry environment. After reconstitution, if not intended for use within a month, aliquot and store at -20°C. Two years lyophilized, one month in solution at 4°C. Antibody is shipped lyophilized at ambient temperature.

**Titer:**

By direct ELISA, 1:10,000 dilution will yield 0.5 O.D using alkaline phosphatase conjugated rabbit anti-mouse Ig.

**Usage:**

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100 µl water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage..

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