

Product Information

Recombinant Anti-Human mag Antibody

Cat. No.: **MOM-18589**

This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody binds selectively to Human MAG, expressed in Chinese Hamster Ovary cells(CHO)

Antigen Description

Adhesion molecule in postnatal neural development that mediates sialic-acid dependent cell-cell interactions between neuronal and myelinating cells. Preferentially binds to alpha-2,3-linked sialic acid.

Specific Activity

Tested positive against native antigen.

Target

MAG

Immunogen

The details of the immunogen for this antibody are not available.

Source

Mouse

Species Reactivity

Human

Type

IgG

Expression Host

CHO

Purity

>95.0% as determined by analysis by RP-HPLC.

Applications

Suitable for use in Neut, IF and most other immunological methods.

Storage

Store it under sterile conditions at -20°C upon receiving. Recommend to pack the protein into smaller quantities for optimal storage.

ANTIGEN GENE INFORMATION

Gene Name

[MAG myelin associated glycoprotein \[Homo sapiens \]](#)

Official Symbol

MAG

Synonyms

MAG; myelin associated glycoprotein; GMA; myelin-associated glycoprotein; S MAG; sialic acid binding Ig like lectin 4A; SIGLEC 4A; SIGLEC4A; sialic acid binding Ig-like lectin 4A; sialic acid-binding immunoglobulin-like lectin 4A; S-MAG; SIGLEC-4A;

Gene ID

[4099](#)

mRNA Refseq

[NM_001199216](#)

Protein Refseq

[NP_001186145](#)

MIM

[159460](#)

UniProt ID

P20916

Chromosome Location

19q13.1

Pathway

Axonal growth inhibition (RHOA activation), organism-specific biosystem; Basigin interactions, organism-specific biosystem; Cell adhesion molecules (CAMs), organism-specific biosystem; Cell adhesion molecules (CAMs), conserved biosystem; Cell surface interactions at the vascular wall, organism-specific biosystem; Hemostasis, organism-specific biosystem; Signal Transduction, organism-specific biosystem;

Function

sugar binding;