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Product Information

Recombinant Anti-Human mag Antibody Fab Fragment

Cat. No.: **MOM-18589-F(E)**
This product is for research use only and is not intended for diagnostic use.

Product Overview

Recombinant Mouse Antibody Fab Fragment specifically binds 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

Fab

Expression Host

CHO

Purity

>97%, by SDS-PAGE under reducing conditions and visualized by silver stain.

Applications

Suitable for use in FC, IP, ELISA, Neut, FuncS, IF and most other immunological methods.

Storage

Store at +4°C short term (1-2 weeks). Aliquot and store at -20°C long term. Avoid repeated freeze/thaw cycles.

ANTIGEN GENE INFOMATION

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;

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