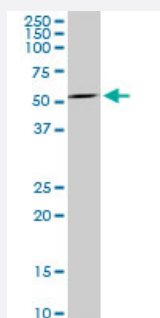


MAG monoclonal antibody (M35), clone 3C7

Catalog # H00004099-M35

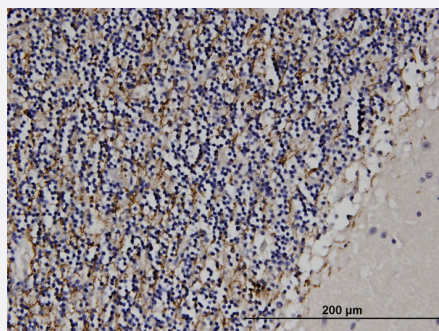
Size 100 ug

Applications



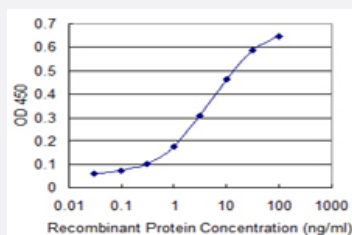
Western Blot (Cell lysate)

MAG monoclonal antibody (M35), clone 3C7. Western Blot analysis of MAG expression in Jurkat(Cat # L017V1).



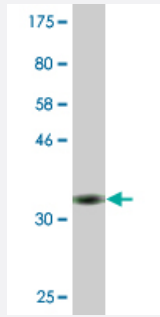
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to MAG on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 3 ug/ml]



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAG is 0.1 ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.64 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant MAG.
Immunogen	MAG (NP_002352, 119 a.a. ~ 208 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	GDLGGYNQYTFSEHSVLDIVNTPNIVPPEVVAGTEVEVSCMVPDNCPELRPELSWLGHEGLGE PAVLGRLREDEGTWVQVSLLHFVPTR
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (99); Rat (98)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.64 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

MAG monoclonal antibody (M35), clone 3C7. Western Blot analysis of MAG expression in Jurkat(Cat # L017V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of monoclonal antibody to MAG on formalin-fixed paraffin-embedded human cerebellum. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged MAG is 0.1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — MAG

Entrez GeneID [4099](#)

GeneBank Accession# [NM_002361](#)

Protein Accession# [NP_002352](#)

Gene Name MAG

Gene Alias GMA, S-MAG, SIGLEC-4A, SIGLEC4A

Gene Description myelin associated glycoprotein

Omim ID [159460](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq]

Other Designations myelin-associated glycoprotein|sialic acid-binding immunoglobulin-like lectin 4A

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Multiple Sclerosis](#)
- [Schizophrenia](#)