MAG rabbit monoclonal antibody

Catalog # H00004099-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human MAG peptide using ARM Technology.
Immunogen	A synthetic peptide of human MAG is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human MAG peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

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- ELISA

Gene Info — MAG

Entrez GeneID	4099
GeneBank Accession#	MAG
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 immunoglobuli n superfamily. It is thought to be involved in the process of myelination. It is a lectin that binds to si alylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. Two alternative ly 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

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