

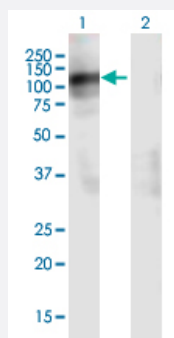
MaxPab®

MAG MaxPab mouse polyclonal antibody (B01)

Catalog # H00004099-B01

Size 50 uL

Applications



Western Blot (Transfected lysate)

Western Blot analysis of MAG expression in transfected 293T cell line ([H00004099-T01](#)) by MAG MaxPab polyclonal antibody.

Lane 1: MAG transfected lysate(68.86 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human MAG protein.

Immunogen

MAG (NP_002352.1, 1 a.a. ~ 626 a.a) full-length human protein.

Sequence

MIFLTALPLFWIMISASRGHGWAWMPSSISAFEGTCVSIPCRFDPFDELRAVVGWVWFNSPY
PKNYPPVVFKSRTQVVHESFQGRSRLGDLGLRNCTLLLSNVSPELGGKYYFRGDLGGYNQYTF
EHSVLDVNTNPNVPPPEVVAGTEVEVSCMVPDNCPELRPELSWLGHGELGEPVAVLGRLEDE
TWWQVSLHFVPTREANGHRLGCQASFPNTTLQFEGYASMDVKYPPVEMNSSVEAIEGSHVSL
LCGADSNPPPLL TWMRDGTVLREAVAESLLEEVTPAEDGVYACLAENAYGQDNRTVGLSVM
YAPWKPTVNGTMVAVEGETVSILCSTQSNPDILTIFKEKQILSTVYESELQLELPAVSPEDDGEY
WCVAENQYQQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVVKSNPESVAFELPSRNVTV
NESEREFVYSERSGLVLTSLTLRGQAQAPPRVICTARNLYGAKSLELPFQGAHRLMWAKIGPVGA
VVAFAILIANCYITQTRRKNVTESTPSFSAGDNPPVLFSSDFRISGAPEKYESERRLLGSERRLLGLR
GEPPELDLSYSHSDLGKRPTKDSYTLTEELAEYAEIRVK

Host

Mouse

Reactivity

Human

Interspecies Antigen Sequence

Mouse (94); Rat (95)

Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Note	For IHC and IF applications, antibody purification with Protein A will be needed prior to use.

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[Protocol Download](#)

Gene Info — MAG

Entrez GeneID	4099
GeneBank Accession#	NM_002361.2
Protein Accession#	NP_002352.1
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](#)