

DNAxPAb

Hard-to-Find
Antibody

MAG DNAxPab

Catalog # H00004099-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human MAG DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MIFLTALPLFWIMISASRGGHWGAWMPSSISAFEGTCVSIPCRFDFPDELRAVVHGVWYFNSPY
PKNYPPVVFKSRTQVVHESFQGRSRLGDLGLRNCTLLLSNVSPELGGKYYFRGDLGGYNQYTF
EHSVLDIVNTPNMVPEVVAGTEVEVSCMVPDNCPELRPELSWLGHEGLGEPAVLGRLREDEG
TWWQVSLHFVPTREANGHRLGCQASFPNTTLQFEGYASMDVKYPPVIVEMNSSVEAIEGSHVSL
LCGADSNPPPLL TWMRDGTVLREAVAESLLLEEVTPAEDGVYACLAENAYGQDNRTVGLSVM
YAPWKPTVNGTMVAVEGETVSILCSTQSNPDILTIFKEKQILSTVYESELQLELPAVSPEDDGEY
WCVAENQYQQRATAFNLSVEFAPVLLLESHCAAARDTVQCLCVVKSNPESVAFELPSRNVTV
NESEREFVYSERGLVLTSLTLRGQAQAPPRVICTARNLYGAKSLELPFQGAHRLMWAKIGPVGA
VVAFAILANCYITQTRKKNVTESPSFSAGDNPPVLFSSDFRISGAPEKYESERRLGSERRLLGLR
GEPPELDLSYSHSDLGKRPTKDSYTLTEELAEYAEIRVK

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

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 (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)