

Anti-Monkey MAG mAb

Catalog No.: A28874

Basic Information

Observed MW

Refer to figures

Calculated MW

69 kDa

Category

Primary antibody

Applications

mIHC

Cross-Reactivity

Cynomolgus monkey

CloneNo number

ARC5296-01

Background

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. Three alternatively spliced transcripts encoding different isoforms have been described for this gene.

Recommended Dilutions

mIHC 1:1000-1:4000

Immunogen Information

Gene ID

4099

Swiss Prot

P20916

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

GMA; S-MAG; SPG75; SIGLEC4A; SIGLEC-4A

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

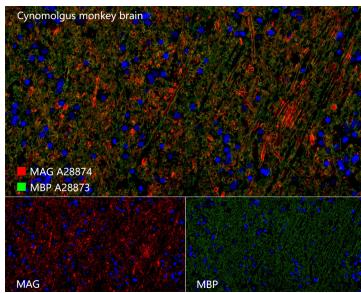
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Validation Data



The multiplex IHC analysis on paraffin-embedded Cynomolgus monkey brain tissue using the following specific primary antibodies and tyramide signal amplification (TSA) reagents (RK05903) : Anti-Monkey MBP mAb (A28873, 1:15000) with TSA-TYR-520 (Green), and Anti-Monkey MAG mAb (A28874, 1:2000) with TSA-TYR-570 (Red). DAPI (Blue) was used for nuclear staining. Prior to multiplex IHC staining, high-pressure antigen retrieval was performed using 0.01M citrate buffer at pH 6.0. The analysis was completed using a 40x objective lens.