

Anti-Mag Neutralizing Antibody (V3S-0822-YC2085)

Cat. No.: V3S-0822-YC2085

Summary

Description	This product is a mouse monoclonal antibody provided by Creative Biolabs. The antibody is capable of recognizing myelin-associated glycoprotein. It can be used for Mag detection in Neutralization Assay (Neut), Western Blot (WB). The antibody is expressed in mammalian cells (293F or CHO) with antibody encoding genes and purified by affinity chromatography. Each lot of this antibody is quality control tested by SDS-PAGE and SEC-HPLC analysis. For highly sensitive assays, we recommend the ultra purified form of the product, which has a lower endotoxin limit than standard antibody, less than 1 EU/mg or even 0.1 EU/mg.
Clonality	Monoclonal
Host Species	Mouse
Target Species	Rat
Immunogen	Recombinant rat MAG/Siglec-4a
Isotype	IgG2a
Isotype Control	C13524; C23407
Secondary Antibody	C47504; C37557; C41360; C32672; C10001; C22410; C12425; C36475

Property

Conjugation	Unconjugated
Purity	>95%, determined by SDS-PAGE
Storage	Store at 4°C within one or two weeks. Store at -20°C for long term. Avoid repeated freeze/thaw cycles. Refer to the COA file for specifics.

Applications

Application	Neut; WB
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Target

For lab research use only, not for diagnostic, therapeutic or any *in vivo* human use.

Target	Mag
Alternative Name	Mag; myelin-associated glycoprotein; GMA; S-MAG; SPG75; SIGLEC4A; SIGLEC-4A
Gene ID	29409
UniProt	P07722
Introduction	Mag 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.
Research Area	Neuroscience



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