



Anti-MAG monoclonal antibody, clone 229523 (DCABY-4197)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	View MAG IHC images.
Specificity	Detects rat MAG/Siglec-4a in ELISAs and Western blots.
Immunogen	Mouse myeloma cell line NS0-derived recombinant rat MAG/Siglec-4a. Gly20-Pro516 Accession Number P07722
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Rat
Clone	229523
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	Western Blot, ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.
Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied.

1 month, 2 to 8 °C under sterile conditions after reconstitution.
6 months, -20 to -70 °C under sterile conditions after reconstitution.

GENE INFORMATION

Gene Name	Mag myelin-associated glycoprotein [Rattus norvegicus (Norway rat)]
Official Symbol	MAG
Synonyms	MAG; myelin-associated glycoprotein; siglec-4a; S-MAG (C-term.); brain neuron cytoplasmic protein 3; sialic acid-binding Ig-like lectin 4a;
Entrez Gene ID	29409
Protein Refseq	NP_058886
UniProt ID	P07722
Chromosome Location	1q21
Pathway	Axonal growth inhibition (RHOA activation); Basigin interactions; Cell adhesion molecules (CAMs); Cell surface interactions at the vascular wall; Hemostasis; Signal Transduction; Signalling by NGF; Spinal Cord Injury;