
Product Name: KD-Validated Myelin Associated Glycoprotein Recombinant Rabbit Monoclonal Antibody**Catalog #: KVA00021**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB,FCM
Reactivity	Human,Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000
Molecular Weight	Calculated MW: 69.1kDa

Antigen Information

Gene Name	MAG Myelin Associated Glycoprotein; SIGLEC-4A; SIGLEC4A ; S-MAG; GMA; Sialic Acid Binding Ig-
Alternative Names	Like Lectin 4A; Myelin-Associated Glycoprotein; Sialic Acid-Binding Immunoglobulin-Like Lectin 4A; Siglec-4a; SPG75
Gene ID	4099.0
SwissProt ID	P20916
Immunogen	A synthesized peptide derived from human MAG

Background

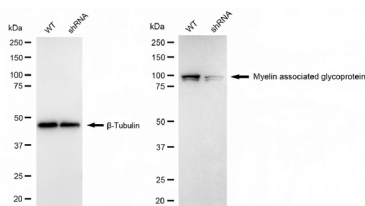
The protein encoded by this gene is a type I membrane protein and member of the immunoglobulin superfamily. It is thought

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. [provided by RefSeq, Nov 2010]

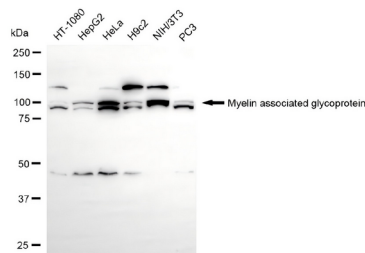
Research Area

Neuroscience

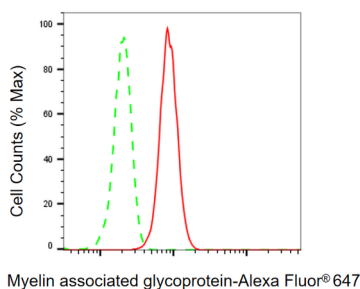
Image Data



Western blotting analysis using myelin associated glycoprotein antibody (KVA00021). Myelin associated glycoprotein expression in wild type (WT) and myelin associated glycoprotein (MAG) shRNA knockdown (KD) HT-1080 cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with myelin associated glycoprotein antibody (KVA00021, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using myelin associated glycoprotein antibody (KVA00021). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with myelin associated glycoprotein antibody (KVA00021, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Flow cytometric analysis of Myelin associated glycoprotein expression in HeLa cells using Myelin associated glycoprotein antibody (KVA00021, 1:2,000). Green, isotype control; red, Myelin associated glycoprotein.