

Datasheet for ABIN652791
anti-MAG antibody (AA 439-466)

5 Images

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Overview

| | |
|----------------------|--|
| Quantity: | 400 µL |
| Target: | MAG |
| Binding Specificity: | AA 439-466 |
| Reactivity: | Human, Rat, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MAG antibody is un-conjugated |
| Application: | Western Blotting (WB), Flow Cytometry (FACS) |

Product Details

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|---------------|---|
| Immunogen: | This MAG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 439-466 amino acids from the Central region of human MAG. |
| Clone: | RB21439 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|--|
| Target: | MAG |
| Alternative Name: | MAG (MAG Products) |
| Background: | MAG is a type I membrane protein and member of the immunoglobulin superfamily. It is thought |

Target Details

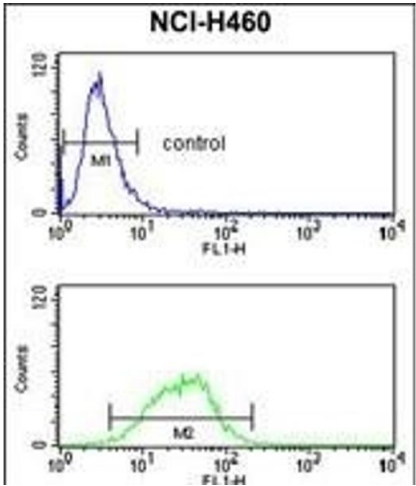
| | |
|-------------------|--|
| | to be involved in the process of myelination. It is a lectin that binds to sialylated glycoconjugates and mediates certain myelin-neuron cell-cell interactions. |
| Molecular Weight: | 69069 |
| Gene ID: | 4099 |
| NCBI Accession: | NP_001186145 , NP_002352 , NP_542167 |
| UniProt: | P20916 |
| Pathways: | Neurotrophin Signaling Pathway |

Application Details

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|--------------------|---|
| Application Notes: | WB: 1:2000. WB: 1:2000. WB: 1:2000. WB: 1:2000. FC: 1:10~50 |
| Restrictions: | For Research Use only |

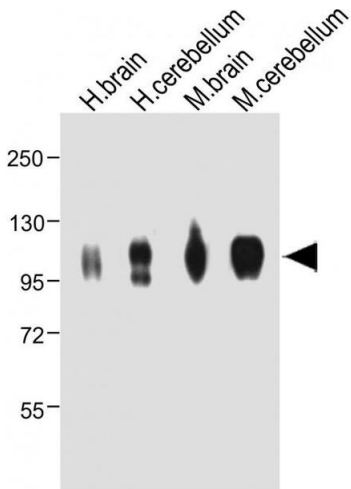
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C, -20 °C |
| Storage Comment: | Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles. |
| Expiry Date: | 6 months |



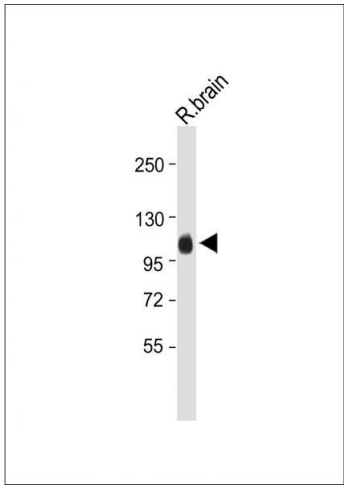
Flow Cytometry

Image 1. G Antibody (Center) (ABIN652791 and ABIN2842519) flow cytometry analysis of NCI- cells (bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



Western Blotting

Image 2. All lanes : Anti-G Antibody (Center) at 1:2000 dilution Lane 1: Hun brain whole tissue lysate Lane 2: Hun cerebellum whole tissue lysate Lane 3: Mouse brain whole tissue lysate Lane 4: Mouse cerebellum whole tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.



Western Blotting

Image 3. Anti-G Antibody (Center) at 1:2000 dilution + Rat brain whole tissue lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 69 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN652791.