

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 11, 2025

## MAG antibody

RRID:AB\_2042411

Type: Antibody

### Proper Citation

(Abcam Cat# ab89780, RRID:AB\_2042411)

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2042411](http://antibodyregistry.org/AB_2042411)

**Proper Citation:** (Abcam Cat# ab89780, RRID:AB\_2042411)

**Target Antigen:** MAG antibody

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012:  
Immunohistochemistry - fixed; Western Blot; Flow Cytometry; ELISA; Immunohistochemistry;  
ELISA, Flow Cyt, IHC-P, WB

**Antibody Name:** MAG antibody

**Description:** This monoclonal targets MAG antibody

**Target Organism:** feline, monkey, rat, cow, mouse, cat, bovine, human

**Antibody ID:** AB\_2042411

**Vendor:** Abcam

**Catalog Number:** ab89780

**Record Creation Time:** 20231110T072121+0000

**Record Last Update:** 20241115T054739+0000

## Ratings and Alerts

No rating or validation information has been found for MAG antibody.

No alerts have been found for MAG antibody.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 14 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [FDI Lab - SciCrunch.org](#).

de la Monte SM, et al. (2023) Differential Early Mechanistic Frontal Lobe Responses to Choline Chloride and Soy Isoflavones in an Experimental Model of Fetal Alcohol Spectrum Disorder. *International journal of molecular sciences*, 24(8).

Chen L, et al. (2023) ANGPTL2 binds MAG to efficiently enhance oligodendrocyte differentiation. *Cell & bioscience*, 13(1), 42.

Rowland ME, et al. (2023) Systemic and intrinsic functions of ATRX in glial cell fate and CNS myelination in male mice. *Nature communications*, 14(1), 7090.

Sobierajski E, et al. (2023) Development of myelin in fetal and postnatal neocortex of the pig, the European wild boar *Sus scrofa*. *Brain structure & function*, 228(3-4), 947.

Yamanaka K, et al. (2023) Deletion of Nox4 enhances remyelination following cuprizone-induced demyelination by increasing phagocytic capacity of microglia and macrophages in mice. *Glia*, 71(3), 541.

Sánchez-de la Torre A, et al. (2022) Cannabinoid CB1 receptor gene inactivation in oligodendrocyte precursors disrupts oligodendrogenesis and myelination in mice. *Cell death & disease*, 13(7), 585.

DeGeer J, et al. (2022) Ral GTPases are critical regulators of spinal cord myelination and homeostasis. *Cell reports*, 40(13), 111413.

Huerga-Gómez A, et al. (2021)  $\Delta^9$ -Tetrahydrocannabinol promotes oligodendrocyte development and CNS myelination in vivo. *Glia*, 69(3), 532.

Li X, et al. (2021) The Role and Mechanism of AMIGO3 in the Formation of Aberrant Neural Circuits After Status Convulsion in Immature Mice. *Frontiers in molecular neuroscience*, 14, 748115.

Imamura O, et al. (2020) Donepezil-induced oligodendrocyte differentiation is mediated through estrogen receptors. *Journal of neurochemistry*, 155(5), 494.

Huang P, et al. (2020) Complement C3a induces axonal hypomyelination in the periventricular white matter through activation of WNT/ $\beta$ -catenin signal pathway in septic neonatal rats experimentally induced by lipopolysaccharide. *Brain pathology (Zurich, Switzerland)*, 30(3), 495.

Huang P, et al. (2020) Experimentally Induced Sepsis Causes Extensive Hypomyelination in the Prefrontal Cortex and Hippocampus in Neonatal Rats. *Neuromolecular medicine*, 22(3), 420.

Song X, et al. (2019) Protective effects of the ROCK inhibitor fasudil against cognitive dysfunction following status epilepticus in male rats. *Journal of neuroscience research*, 97(4), 506.

Goncalves MB, et al. (2019) Regulation of Myelination by Exosome Associated Retinoic Acid Release from NG2-Positive Cells. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 39(16), 3013.