

Resource Summary Report

Generated by RRID on Aug 3, 2026

MBP antibody

RRID:AB_325004

Type: Antibody

Proper Citation

(Bio-Rad Cat# MCA409S, RRID:AB_325004)

Antibody Information

URL: http://antibodyregistry.org/AB_325004

Proper Citation: (Bio-Rad Cat# MCA409S, RRID:AB_325004)

Target Antigen: MBP

Host Organism: rat

Clonality: monoclonal

Comments: Applications: ELISA, Immunofluorescence, Radioimmunoassays, Western Blotting

Antibody Name: MBP antibody

Description: This monoclonal targets MBP

Target Organism: Human, Rat, Rabbit, Pig, Guinea Pig, Mouse, Sheep, Chicken

Clone ID: 12

Antibody ID: AB_325004

Vendor: Bio-Rad

Catalog Number: MCA409S

Record Creation Time: 20260218T231742+0000

Record Last Update: 20260225T233743+0000

Ratings and Alerts

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

No alerts have been found for MBP antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Kang M, et al. (2024) Oligodendrocyte-derived laminin- γ 1 regulates the blood-brain barrier and CNS myelination in mice. *Cell reports*, 43(5), 114123.

Ghosh T, et al. (2024) A retroviral link to vertebrate myelination through retrotransposon-RNA-mediated control of myelin gene expression. *Cell*, 187(4), 814.

Islam R, et al. (2024) Early adversity causes sex-specific deficits in perforant pathway connectivity and contextual memory in adolescent mice. *Biology of sex differences*, 15(1), 39.

Philp AR, et al. (2024) Circulating platelets modulate oligodendrocyte progenitor cell differentiation during remyelination. *eLife*, 12.

Cai Y, et al. (2024) Embryonic origins of forebrain oligodendrocytes revisited by combinatorial genetic fate mapping. *eLife*, 13.

Cunningham ME, et al. (2023) Axolemmal nanoruptures arising from paranodal membrane injury induce secondary axon degeneration in murine Guillain-Barré syndrome. *Journal of the peripheral nervous system : JPNS*, 28(1), 17.

Altounian M, et al. (2023) Neuronal miR-17-5p contributes to interhemispheric cortical connectivity defects induced by prenatal alcohol exposure. *Cell reports*, 42(9), 113020.

Ye D, et al. (2023) Intrauterine desensitization enables long term survival of human oligodendrocyte progenitor cells without immunosuppression. *iScience*, 26(5), 106647.

Donovan APA, et al. (2023) Pervasive cortical and white matter anomalies in a mouse model for CHARGE syndrome. *Journal of anatomy*.

McGonigal R, et al. (2023) The endogenous calpain inhibitor calpastatin attenuates axon degeneration in murine Guillain-Barré syndrome. *Journal of the peripheral nervous system : JPNS*, 28(1), 4.

Tickle JA, et al. (2023) A benchtop brain injury model using resected donor tissue from patients with Chiari malformation. *Neural regeneration research*, 18(5), 1057.

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.

Werner L, et al. (2023) A Novel Ex Vivo Model to Study Therapeutic Treatments for Myelin Repair following Ischemic Damage. *International journal of molecular sciences*, 24(13).

Kaplanis SI, et al. (2023) Nicotinamide enhances myelin production after demyelination through reduction of astrogliosis and microgliosis. *Frontiers in cellular neuroscience*, 17, 1201317.

Hoi KK, et al. (2023) Primary cilia control oligodendrocyte precursor cell proliferation in white matter injury via Hedgehog-independent CREB signaling. *Cell reports*, 42(10), 113272.

McGonigal R, et al. (2022) Schwann cell nodal membrane disruption triggers bystander axonal degeneration in a Guillain-Barré syndrome mouse model. *The Journal of clinical investigation*, 132(14).

Campbell CI, et al. (2022) Complement inhibition prevents glial nodal membrane injury in a GM1 antibody-mediated mouse model. *Brain communications*, 4(6), fcac306.

Bauch J, et al. (2022) The Extracellular Matrix Proteins Tenascin-C and Tenascin-R Retard Oligodendrocyte Precursor Maturation and Myelin Regeneration in a Cuprizone-Induced Long-Term Demyelination Animal Model. *Cells*, 11(11).

Battis K, et al. (2022) CSF1R-Mediated Myeloid Cell Depletion Prolongs Lifespan But Aggravates Distinct Motor Symptoms in a Model of Multiple System Atrophy. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(40), 7673.

Thau-Zuchman O, et al. (2022) High phenylalanine concentrations induce demyelination and microglial activation in mouse cerebellar organotypic slices. *Frontiers in neuroscience*, 16, 926023.