

Resource Summary Report

Generated by [RRID](#) on Aug 7, 2026

Myelin Basic Protein (D8X4Q) XP® Rabbit mAb

RRID:AB_2799920

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 78896, RRID:AB_2799920

Antibody Information

URL: http://antibodyregistry.org/AB_2799920

Proper Citation: Cell Signaling Technology Cat# 78896, RRID:AB_2799920

Target Antigen: MBP

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IHC-P, IF-F, IF-IC

Antibody Name: Myelin Basic Protein (D8X4Q) XP® Rabbit mAb

Description: This monoclonal targets MBP

Target Organism: h, m, r

Clone ID: Clone D8X4Q

Antibody ID: AB_2799920

Vendor: Cell Signaling Technology

Catalog Number: 78896

Record Creation Time: 20250820T040313+0000

Record Last Update: 20250820T175441+0000

Ratings and Alerts

No rating or validation information has been found for Myelin Basic Protein (D8X4Q) XP® Rabbit mAb.

No alerts have been found for Myelin Basic Protein (D8X4Q) XP® Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 26 mentions in open access literature.

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

Ghoochani A, et al. (2026) Cell-type resolved protein atlas of brain lysosomes identifies SLC45A1-associated disease as a lysosomal disorder. *Cell*, 189(3), 765.

Jiang T, et al. (2026) Blood-brain barrier disruption and neuroinflammation in the hippocampus of a cardiac arrest porcine model: Single-cell RNA sequencing analysis. *Neural regeneration research*, 21(2), 742.

Qin H, et al. (2026) Neuronal TLR4 upregulation activates the cGAS-STING pathway to induce ferroptosis in EAE mice. *International immunopharmacology*, 174, 116364.

Akarsu ?, et al. (2026) Spastin Is Required to Prevent SPAST-Related Demyelination. *Journal of neurochemistry*, 170(3), e70407.

Morozzi M, et al. (2026) The potent and selective adenosine A2AR antagonists P400 and P625 protect against symptoms in autoimmune experimental encephalomyelitis by attenuating neuroinflammation and demyelination. *Neuropharmacology*, 288, 110857.

Jeong HK, et al. (2025) Micro-scale control of oligodendrocyte morphology and myelination by the intellectual disability-linked protein acyltransferase ZDHHC9. *eLife*, 13.

de Almeida V, et al. (2024) NMDA glutamate receptor antagonist MK-801 induces proteome changes in adult human brain slices which are partially counteracted by haloperidol and clozapine. *Journal of neurochemistry*, 168(3), 238.

Shen J, et al. (2024) Semaphorin3C identified as mediator of neuroinflammation and microglia polarization after spinal cord injury. *iScience*, 27(5), 109649.

Li Y, et al. (2024) Protocol to establish a demyelinated animal model to study hippocampal neurogenesis and cognitive function in adult rodents. *STAR protocols*, 5(3), 103242.

Nunes LGA, et al. (2024) Selenoprotein I is indispensable for ether lipid homeostasis and proper myelination. *The Journal of biological chemistry*, 300(5), 107259.

Song Y, et al. (2024) Astrocyte-derived CHI3L1 signaling impairs neurogenesis and cognition in the demyelinated hippocampus. *Cell reports*, 43(5), 114226.

Gabriel E, et al. (2023) Generation of iPSC-derived human forebrain organoids assembling bilateral eye primordia. *Nature protocols*, 18(6), 1893.

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

Chauhan NR, et al. (2023) Transgenic mouse models support a protective role of type I IFN response in SARS-CoV-2 infection-related lung immunopathology and neuroinvasion. *Cell reports*, 42(11), 113275.

Chen GL, et al. (2023) Inhibiting tau protein improves the recovery of spinal cord injury in rats by alleviating neuroinflammation and oxidative stress. *Neural regeneration research*, 18(8), 1834.

Campos-Ordoñez T, et al. (2023) Normal pressure hydrocephalus decreases the proliferation of oligodendrocyte progenitor cells and the expression of CNPase and MOG proteins in the corpus callosum before behavioral deficits occur. *Experimental neurology*, 365, 114412.

Scaricamazza S, et al. (2022) Repurposing of Trimetazidine for amyotrophic lateral sclerosis: A study in SOD1G93A mice. *British journal of pharmacology*, 179(8), 1732.

Khawaja RR, et al. (2021) GluA2 overexpression in oligodendrocyte progenitors promotes postinjury oligodendrocyte regeneration. *Cell reports*, 35(7), 109147.

Velasco-Estevez M, et al. (2021) EBI2 Is Temporarily Upregulated in MO3.13 Oligodendrocytes during Maturation and Regulates Remyelination in the Organotypic Cerebellar Slice Model. *International journal of molecular sciences*, 22(9).

Zhang Y, et al. (2021) FGF21 impedes peripheral myelin development by stimulating p38 MAPK/c-Jun axis. *Journal of cellular physiology*, 236(2), 1345.