Resource Summary Report

Generated by kravitz2 on Aug 19, 2026

MOUSE ANTI MYELIN PROTEOLIPID PROTEIN

RRID:AB_2237198
Type: Antibody

Proper Citation

Bio-Rad Cat# MCA839G, RRID:AB_2237198

Antibody Information

URL: http://antibodyregistry.org/AB_2237198

Proper Citation: Bio-Rad Cat# MCA839G, RRID:AB_2237198

Target Antigen: MYELIN PROTEOLIPID PROTEIN

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Western Blotting, Immunohistology - Paraffin, Immunofluorescence, Flow Cytometry, Immunohistology - Frozen

Antibody Name: MOUSE ANTI MYELIN PROTEOLIPID PROTEIN

Description: This monoclonal targets MYELIN PROTEOLIPID PROTEIN

Target Organism: guinea pig, feline, rat, hamster, porcine, donkey, canine, goat, horse, mouse, mammals, rabbit, bovine, human, sheep

Clone ID: Clone plpc1

Antibody ID: AB_2237198

Vendor: Bio-Rad

Catalog Number: MCA839G

Record Creation Time: 20250820T065236+0000

Record Last Update: 20250821T010706+0000

Ratings and Alerts

No rating or validation information has been found for MOUSE ANTI MYELIN PROTEOLIPID PROTEIN.

No alerts have been found for MOUSE ANTI MYELIN PROTEOLIPID PROTEIN.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 25 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Wenzel L, et al. (2026) Quantitative Assessment of GFAP-Based Astrocyte Morphology in the Cuprizone Model: A Comparative Evaluation of Neurolucida?? 360 and SNT. Cells, 15(11).

Kaddatz H, et al. (2026) Loss of oligodendrocyte transcription factor 2 protein expression in metabolically stressed oligodendrocytes. Acta neuropathologica, 151(1).

de Jong JM, et al. (2026) Pathological extracellular matrix changes in decellularized normal appearing gray matter and subpial multiple sclerosis lesions. iScience, 29(6), 116020.

Cai Y, et al. (2025) Myelin-axon interface vulnerability in Alzheimer's disease revealed by subcellular proteomics and imaging of human and mouse brain. Nature neuroscience, 28(7), 1418.

Zia S, et al. (2025) Age-impaired remyelination is associated with dysregulated microglial transitions. Nature communications, 16(1), 9951.

Giesler P, et al. (2025) High-Speed-Ventral-Plane Videography Identifies Specific Gait Pattern Changes in Cuprizone-Induced Demyelination in Mice. Cells, 14(13).

Bhusal A, et al. (2024) The microglial innate immune protein PGLYRP1 mediates neuroinflammation and consequent behavioral changes. Cell reports, 43(3), 113813.

Kukanja P, et al. (2024) Cellular architecture of evolving neuroinflammatory lesions and multiple sclerosis pathology. Cell.

Luchicchi A, et al. (2024) Micro-diffusely abnormal white matter: An early multiple sclerosis lesion phase with intensified myelin blistering. Annals of clinical and translational neurology.

Zhan J, et al. (2023) Loss of the Novel Myelin Protein CMTM5 in Multiple Sclerosis Lesions and Its Involvement in Oligodendroglial Stress Responses. Cells, 12(16).

Yugami M, et al. (2023) Sbp2l contributes to oligodendrocyte maturation through translational control in Tcf7l2 signaling. iScience, 26(12), 108451.

Vankriekelsvenne E, et al. (2022) Transmembrane protein 119 is neither a specific nor a reliable marker for microglia. Glia, 70(6), 1170.

Castillo-Rodriguez MLA, et al. (2022) Astroglial and oligodendroglial markers in the cuprizone animal model for de- and remyelination. Histochemistry and cell biology, 158(1), 15.

Joost S, et al. (2022) Cuprizone Intoxication Results in Myelin Vacuole Formation. Frontiers in cellular neuroscience, 16, 709596.

Kaddatz H, et al. (2021) Cuprizone-induced demyelination triggers a CD8-pronounced T cell recruitment. Glia, 69(4), 925.

Behrangi N, et al. (2021) Oligodendrocyte Lineage Marker Expression in eGFP-GFAP Transgenic Mice. Journal of molecular neuroscience : MN, 71(11), 2237.

Safaiyan S, et al. (2021) White matter aging drives microglial diversity. Neuron, 109(7), 1100.

Nellessen A, et al. (2020) Nrf2 deficiency increases oligodendrocyte loss, demyelination, neuroinflammation and axonal damage in an MS animal model. Metabolic brain disease, 35(2), 353.

Ramaglia V, et al. (2019) Multiplexed imaging of immune cells in staged multiple sclerosis lesions by mass cytometry. eLife, 8.

Leopold P, et al. (2019) Animal Weight Is an Important Variable for Reliable Cuprizone-Induced Demyelination. Journal of molecular neuroscience : MN, 68(4), 522.