

Resource Summary Report

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Mouse Anti-Myelin Oligodendrocyte Glycoprotein (MOG) , Unconjugated

RRID:AB_1587278

Type: Antibody

Proper Citation

(Millipore Cat# MAB5680, RRID:AB_1587278)

Antibody Information

URL: http://antibodyregistry.org/AB_1587278

Proper Citation: (Millipore Cat# MAB5680, RRID:AB_1587278)

Target Antigen: Myelin Oligodendrocyte Glycoprotein (MOG)

Host Organism: mouse

Clonality: unknown

Comments: seller recommendations: Western Blot; Western Blotting

Antibody Name: Mouse Anti-Myelin Oligodendrocyte Glycoprotein (MOG) , Unconjugated

Description: This unknown targets Myelin Oligodendrocyte Glycoprotein (MOG)

Target Organism: mouse, rat

Antibody ID: AB_1587278

Vendor: Millipore

Catalog Number: MAB5680

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Myelin Oligodendrocyte Glycoprotein (MOG) , Unconjugated.

No alerts have been found for Mouse Anti-Myelin Oligodendrocyte Glycoprotein (MOG) , Unconjugated.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 43 mentions in open access literature.

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

Becker I, et al. (2024) NAAG synthetase deficiency has only low influence on pathogenesis in a Canavan disease mouse model. *Journal of inherited metabolic disease*, 47(2), 230.

Heller DT, et al. (2024) Astrocyte ensheathment of calyx-forming axons of the auditory brainstem precedes accelerated expression of myelin genes and myelination by oligodendrocytes. *The Journal of comparative neurology*, 532(2), e25552.

Feng L, et al. (2023) Developing a human iPSC-derived three-dimensional myelin spheroid platform for modeling myelin diseases. *iScience*, 26(11), 108037.

Huang H, et al. (2023) Disruption of neuronal RHEB signaling impairs oligodendrocyte differentiation and myelination through mTORC1-DLK1 axis. *Cell reports*, 42(7), 112801.

Liu JY, et al. (2023) Inward rectifying Kir4.1 channels regulate oligodendrocyte precursor cell differentiation and CNS myelination in vivo. *Neuroscience letters*, 807, 137278.

Wang N, et al. (2022) Potassium channel Kir 4.1 regulates oligodendrocyte differentiation via intracellular pH regulation. *Glia*, 70(11), 2093.

Trobisch T, et al. (2022) Cross-regional homeostatic and reactive glial signatures in multiple sclerosis. *Acta neuropathologica*, 144(5), 987.

Alam MM, et al. (2021) Deficiency of Microglial Autophagy Increases the Density of Oligodendrocytes and Susceptibility to Severe Forms of Seizures. *eNeuro*, 8(1).

Kim KP, et al. (2021) Donor cell memory confers a metastable state of directly converted cells. *Cell stem cell*, 28(7), 1291.

Wang Y, et al. (2021) Early developing B cells undergo negative selection by central nervous system-specific antigens in the meninges. *Immunity*, 54(12), 2784.

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.

Bradshaw DV, et al. (2021) Genetic inactivation of SARM1 axon degeneration pathway improves outcome trajectory after experimental traumatic brain injury based on pathological, radiological, and functional measures. *Acta neuropathologica communications*, 9(1), 89.

Moyon S, et al. (2021) TET1-mediated DNA hydroxymethylation regulates adult remyelination in mice. *Nature communications*, 12(1), 3359.

Bradshaw DV, et al. (2021) Repetitive Blast Exposure Produces White Matter Axon Damage without Subsequent Myelin Remodeling: In Vivo Analysis of Brain Injury Using Fluorescent Reporter Mice. *Neurotrauma reports*, 2(1), 180.

Hubler Z, et al. (2021) Modulation of lanosterol synthase drives 24,25-epoxysterol synthesis and oligodendrocyte formation. *Cell chemical biology*, 28(6), 866.

Manousi A, et al. (2021) Identification of novel myelin repair drugs by modulation of oligodendroglial differentiation competence. *EBioMedicine*, 65, 103276.

Philips T, et al. (2021) MCT1 Deletion in Oligodendrocyte Lineage Cells Causes Late-Onset Hypomyelination and Axonal Degeneration. *Cell reports*, 34(2), 108610.

Sullivan GM, et al. (2020) Transplantation of induced neural stem cells (iNSCs) into chronically demyelinated corpus callosum ameliorates motor deficits. *Acta neuropathologica communications*, 8(1), 84.

Velasco-Estevez M, et al. (2020) Inhibition of Piezo1 attenuates demyelination in the central nervous system. *Glia*, 68(2), 356.

Werneburg S, et al. (2020) Targeted Complement Inhibition at Synapses Prevents Microglial Synaptic Engulfment and Synapse Loss in Demyelinating Disease. *Immunity*, 52(1), 167.