Resource Summary Report

Generated by NIF on Jul 28, 2026

Mouse Anti-Myelin Basic Protein Monoclonal Antibody, Unconjugated, Clone SMI-94

RRID:AB_510039
Type: Antibody

Proper Citation

Covance Cat# SMI-94R-100, RRID:AB_510039

Antibody Information

URL: http://antibodyregistry.org/AB_510039

Proper Citation: Covance Cat# SMI-94R-100, RRID:AB_510039

Target Antigen: Myelin Basic Protein

Host Organism: mouse

Clonality: monoclonal

Comments: functionality unknown, check validation data for this product with vendor

Antibody Name: Mouse Anti-Myelin Basic Protein Monoclonal Antibody, Unconjugated, Clone SMI-94

Description: This monoclonal targets Myelin Basic Protein

Target Organism: other, feline, rat, hamster, simian, donkey, porcine, canine, goat, mouse, rabbit, bovine, human, sheep

Clone ID: Clone SMI-94

Antibody ID: AB_510039

Vendor: Covance

Catalog Number: SMI-94R-100

Record Creation Time: 20250819T212326+0000

Record Last Update: 20250819T224751+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Myelin Basic Protein Monoclonal Antibody, Unconjugated, Clone SMI-94.

No alerts have been found for Mouse Anti-Myelin Basic Protein Monoclonal Antibody, Unconjugated, Clone SMI-94.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Trimarco A, et al. (2024) Prostaglandin D2 synthase controls Schwann cells metabolism. bioRxiv : the preprint server for biology.

Benoit MR, et al. (2023) Postnatal neuronal Bace1 deletion impairs neuroblast and oligodendrocyte maturation. Human molecular genetics, 32(7), 1193.

Dupree JL, et al. (2022) Lanthionine Ketimine Ethyl Ester Accelerates Remyelination in a Mouse Model of Multiple Sclerosis. ASN neuro, 14, 17590914221112352.

Dragic M, et al. (2022) Expression of Ectonucleoside Triphosphate Diphosphohydrolase 2 (NTPDase2) Is Negatively Regulated Under Neuroinflammatory Conditions In Vivo and In Vitro. ASN neuro, 14, 17590914221102068.

Trifunovic S, et al. (2021) The Function of the Hypothalamic-Pituitary-Adrenal Axis During Experimental Autoimmune Encephalomyelitis: Involvement of Oxidative Stress Mediators. Frontiers in neuroscience, 15, 649485.

Fredrickx E, et al. (2020) Ablation of neuronal ADAM17 impairs oligodendrocyte differentiation and myelination. Glia, 68(6), 1148.

Dragic M, et al. (2020) Theta burst stimulation ameliorates symptoms of experimental autoimmune encephalomyelitis and attenuates reactive gliosis. Brain research bulletin, 162, 208.

Forese MG, et al. (2020) Prostaglandin D2 synthase modulates macrophage activity and accumulation in injured peripheral nerves. Glia, 68(1), 95.

De Rossi P, et al. (2020) Neuronal BIN1 Regulates Presynaptic Neurotransmitter Release and Memory Consolidation. Cell reports, 30(10), 3520.

Zonouzi M, et al. (2019) Individual Oligodendrocytes Show Bias for Inhibitory Axons in the Neocortex. Cell reports, 27(10), 2799.

Cheli VT, et al. (2018) The Divalent Metal Transporter 1 (DMT1) Is Required for Iron Uptake and Normal Development of Oligodendrocyte Progenitor Cells. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(43), 9142.

Florio F, et al. (2018) Sustained Expression of Negative Regulators of Myelination Protects Schwann Cells from Dysmyelination in a Charcot-Marie-Tooth 1B Mouse Model. The Journal of neuroscience : the official journal of the Society for Neuroscience, 38(18), 4275.

Petersen MA, et al. (2017) Fibrinogen Activates BMP Signaling in Oligodendrocyte Progenitor Cells and Inhibits Remyelination after Vascular Damage. Neuron, 96(5), 1003.

Jakovljevic M, et al. (2017) Down-regulation of NTPDase2 and ADP-sensitive P2 Purinoceptors Correlate with Severity of Symptoms during Experimental Autoimmune Encephalomyelitis. Frontiers in cellular neuroscience, 11, 333.

Stößel M, et al. (2017) Reflex-based grasping, skilled forelimb reaching, and electrodiagnostic evaluation for comprehensive analysis of functional recovery-The 7-mm rat median nerve gap repair model revisited. Brain and behavior, 7(10), e00813.

Santiago González DA, et al. (2017) Conditional Deletion of the L-Type Calcium Channel Cav1.2 in NG2-Positive Cells Impairs Remyelination in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 37(42), 10038.

Cheli VT, et al. (2016) Conditional Deletion of the L-Type Calcium Channel Cav1.2 in Oligodendrocyte Progenitor Cells Affects Postnatal Myelination in Mice. The Journal of neuroscience : the official journal of the Society for Neuroscience, 36(42), 10853.

Perez-Polo JR, et al. (2016) Inflammatory cytokine receptor blockade in a rodent model of mild traumatic brain injury. Journal of neuroscience research, 94(1), 27.

Palazuelos J, et al. (2014) TACE/ADAM17 is essential for oligodendrocyte development and CNS myelination. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(36), 11884.

Palazuelos J, et al. (2014) TGF? signaling regulates the timing of CNS myelination by modulating oligodendrocyte progenitor cell cycle exit through SMAD3/4/FoxO1/Sp1. The Journal of neuroscience : the official journal of the Society for Neuroscience, 34(23), 7917.