

Resource Summary Report

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Purified anti-Neurofilament Marker (pan axonal, cocktail)

RRID:AB_2566782

Type: Antibody

Proper Citation

(BioLegend Cat# 837904, RRID:AB_2566782)

Antibody Information

URL: http://antibodyregistry.org/AB_2566782

Proper Citation: (BioLegend Cat# 837904, RRID:AB_2566782)

Target Antigen: Neurofilament Marker

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: IHC-P, WB, EM, ICC, IHC-F

Antibody Name: Purified anti-Neurofilament Marker (pan axonal, cocktail)

Description: This monoclonal targets Neurofilament Marker

Target Organism: rat, mouse, human

Clone ID: Clone SMI 312

Antibody ID: AB_2566782

Vendor: BioLegend

Catalog Number: 837904

Record Creation Time: 20260114T193204+0000

Record Last Update: 20260225T232020+0000

Ratings and Alerts

No rating or validation information has been found for Purified anti-Neurofilament Marker (pan axonal, cocktail).

No alerts have been found for Purified anti-Neurofilament Marker (pan axonal, cocktail).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 66 mentions in open access literature.

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

Mendoza-Silva V, et al. (2026) The MacBrain Resource Center (MBRC) rhesus macaque embryonic brain histology datasets. Journal of anatomy.

Yang F, et al. (2026) Distinct spatial patterning and transcriptomic landscapes of human neural organoids by localized delivery of morphogens. Cell stem cell, 33(3), 438.

Mohan N, et al. (2026) Modeling spastic paraplegia 4 with corticospinal motor neuron-enriched cortical organoids reveals genotype-phenotype and HDAC6-targetable pathology. Cell reports, 45(3), 117036.

Rygel K, et al. (2026) Conditional Knockout of Paxillin in Mouse Cortical Pyramidal Neurons Does Not Impair Axon Outgrowth or Corpus Callosum Size. FASEB bioAdvances, 8(5), e70120.

Wei W, et al. (2026) The m6A Reader IGF2BP2 Regulates Schwann Cell Autophagy and Neurotrophin Expression via EGR1 in Diabetic Peripheral Neuropathy. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(10), e71923.

Gibbons GM, et al. (2026) A human corticospinal organoid-slice connectoid model informs enhancer strategies for post-injury axon regrowth. Cell reports, 45(6), 117399.

Mendoza-Silva V, et al. (2026) The MacBrain Resource Center (MBRC) rhesus macaque postnatal brain histology datasets: Enabling new discoveries through NHP tissue and digital data Repositories. Journal of anatomy.

Zhang Y, et al. (2025) Neurons sequester the cholesterol-inhibiting TFEB in oligodendrocyte cytoplasm to safeguard myelination and neural function. Cell reports, 44(9), 116252.

Schickel E, et al. (2025) Human cerebral organoids model tumor initiation and infiltration in an autologous astrocyte-supported setting. iScience, 28(9), 113334.

Dogan EO, et al. (2025) Genetic Ablation of Sarm1 Mitigates Disease Acceleration after Traumatic Brain Injury in the SOD1G93A Transgenic Mouse Model of Amyotrophic Lateral

Sclerosis. *Annals of neurology*, 97(5), 963.

Gonzales LP, et al. (2025) Aging Accelerates Degradation of Human Neuromuscular Junction Following Peripheral Nerve Injury. *Muscle & nerve*, 72(5), 1161.

Zahavi EE, et al. (2025) Repeat-element RNAs integrate a neuronal growth circuit. *Cell*, 188(16), 4350.

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.

Wang W, et al. (2025) Mac-1 regulates disease stage-specific immunosuppression via the nitric oxide pathway in autoimmune disease. *Science advances*, 11(19), eads3728.

Yan Y, et al. (2024) 3D bioprinting of human neural tissues with functional connectivity. *Cell stem cell*, 31(2), 260.

Alsina FC, et al. (2024) The RNA-binding protein EIF4A3 promotes axon development by direct control of the cytoskeleton. *Cell reports*, 43(9), 114666.

Chadarevian JP, et al. (2024) Therapeutic potential of human microglia transplantation in a chimeric model of CSF1R-related leukoencephalopathy. *Neuron*, 112(16), 2686.

Patel AA, et al. (2024) TFEB/3 Govern Repair Schwann Cell Generation and Function Following Peripheral Nerve Injury. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 44(35).

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*.

Lawrence AR, et al. (2024) Microglia maintain structural integrity during fetal brain morphogenesis. *Cell*, 187(4), 962.