

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.org) on Apr 23, 2025

neurofilament (NF-M) antibody - Jessell, T.M. / Dodd, J.; HHMI/Columbia University

RRID:AB_531793

Type: Antibody

Proper Citation

(DSHB Cat# 2H3, RRID:AB_531793)

Antibody Information

URL: http://antibodyregistry.org/AB_531793

Proper Citation: (DSHB Cat# 2H3, RRID:AB_531793)

Target Antigen: neurofilament (NF-M)

Host Organism: mouse

Clonality: monoclonal

Comments: consolidated with AB_2314897 on 02/2018 by curator.; Application(s): Immunofluorescence,Immunohistochemistry,Western Blot; Date Deposited: 03/15/1989

Antibody Name: neurofilament (NF-M) antibody - Jessell, T.M. / Dodd, J.; HHMI/Columbia University

Description: This monoclonal targets neurofilament (NF-M)

Target Organism: rat, mouse, human

Defining Citation:

[PMID:27445146](#), [PMID:7541631](#), [PMID:10433912](#), [PMID:16894609](#), [PMID:19623272](#),
[PMID:10529420](#), [PMID:10885747](#), [PMID:16691566](#), [PMID:10529422](#), [PMID:8660891](#),
[PMID:19439605](#), [PMID:22323722](#), [PMID:8223243](#), [PMID:28887018](#), [PMID:24453327](#),
[PMID:23562155](#), [PMID:10662642](#), [PMID:22833130](#), [PMID:7925010](#), [PMID:23313848](#),
[PMID:9256345](#), [PMID:9806922](#), [PMID:11988169](#), [PMID:18570257](#), [PMID:25033181](#),
[PMID:7956823](#), [PMID:9409668](#), [PMID:7789282](#), [PMID:12142028](#), [PMID:25007825](#),
[PMID:10357893](#), [PMID:12121626](#), [PMID:25048219](#), [PMID:8555108](#), [PMID:9053316](#),
[PMID:17301165](#), [PMID:15084464](#), [PMID:17954614](#), [PMID:23047679](#), [PMID:12541313](#),
[PMID:16786562](#), [PMID:15721238](#), [PMID:15037550](#), [PMID:22513373](#), [PMID:12895419](#),
[PMID:24347548](#), [PMID:11923214](#), [PMID:15162501](#), [PMID:11830568](#), [PMID:7925021](#),
[PMID:23801741](#), [PMID:3272160](#), [PMID:8555112](#), [PMID:15702477](#), [PMID:10804169](#),
[PMID:7918106](#), [PMID:10725250](#), [PMID:9126293](#), [PMID:15899870](#), [PMID:26502195](#),
[PMID:28814342](#), [PMID:9126297](#), [PMID:11784044](#), [PMID:18160633](#), [PMID:12736208](#),
[PMID:24190599](#), [PMID:10589677](#), [PMID:12203723](#), [PMID:11891657](#), [PMID:11596060](#),
[PMID:15995126](#), [PMID:10642795](#), [PMID:9367425](#), [PMID:20175189](#), [PMID:25017010](#),
[PMID:23136391](#), [PMID:111609](#), [PMID:9486805](#), [PMID:19580868](#), [PMID:9441667](#),
[PMID:9463359](#), [PMID:23769240](#), [PMID:12971893](#), [PMID:10887087](#), [PMID:12798298](#),
[PMID:25253857](#), [PMID:22057101](#)

Antibody ID: AB_531793

Vendor: DSHB

Catalog Number: 2H3

Record Creation Time: 20231110T042042+0000

Record Last Update: 20241115T115911+0000

Ratings and Alerts

No rating or validation information has been found for neurofilament (NF-M) antibody - Jessell, T.M. / Dodd, J.; HHMI/Columbia University.

No alerts have been found for neurofilament (NF-M) antibody - Jessell, T.M. / Dodd, J.; HHMI/Columbia University.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 147 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](https://www.fdi-lab.org/sci-crunch).

Krus KL, et al. (2025) Two cardinal features of ALS, reduced STMN2 and pathogenic TDP-43, synergize to accelerate motor decline in mice. *Experimental neurology*, 384, 115068.

Smith TA, et al. (2025) Polyethylene glycol has immunoprotective effects on sciatic allografts, but behavioral recovery and graft tolerance require neurorrhaphy and axonal fusion. *Neural regeneration research*, 20(4), 1192.

Curran BM, et al. (2024) Multiple guidance mechanisms control axon growth to generate precise T-shaped bifurcation during dorsal funiculus development in the spinal cord. *eLife*, 13.

Pelz L, et al. (2024) The IgCAM BT-IgSF (IgSF11) is essential for connexin43-mediated astrocyte-astrocyte coupling in mice. *eNeuro*, 11(3).

Kim N, et al. (2024) Repulsive Sema3E-Plexin-D1 signaling coordinates both axonal extension and steering via activating an autoregulatory factor, Mtss1. *eLife*, 13.

Caldi Gomes L, et al. (2024) Multiomic ALS signatures highlight subclusters and sex differences suggesting the MAPK pathway as therapeutic target. *Nature communications*, 15(1), 4893.

Lang Q, et al. (2023) In vivo imaging of axonal transport in peripheral nerves of rodent forelimbs. *Neuronal signaling*, 7(1), NS20220098.

Willows JW, et al. (2023) Schwann cells contribute to demyelinating diabetic neuropathy and nerve terminal structures in white adipose tissue. *iScience*, 26(3), 106189.

Kajabadi N, et al. (2023) Activation of β -catenin in mesenchymal progenitors leads to muscle mass loss. *Developmental cell*, 58(6), 489.

Vermeiren S, et al. (2023) Prdm12 represses the expression of the visceral neuron determinants Phox2a/b in developing somatosensory ganglia. *iScience*, 26(12), 108364.

Lebœuf M, et al. (2023) ENGRAILED-1 transcription factor has a paracrine neurotrophic activity on adult spinal α -motoneurons. *EMBO reports*, 24(8), e56525.

Asano T, et al. (2022) Inhibition of Crmp1 Phosphorylation at Ser522 Ameliorates Motor Function and Neuronal Pathology in Amyotrophic Lateral Sclerosis Model Mice. *eNeuro*, 9(3).

Personius KE, et al. (2022) Blockage of neuromuscular glutamate receptors impairs reinnervation following nerve crush in adult mice. *Frontiers in cellular neuroscience*, 16, 1000218.

Villarroel-Campos D, et al. (2022) Dissection, in vivo imaging and analysis of the mouse epitrochleoanconeus muscle. *Journal of anatomy*, 241(5), 1108.

Zhang K, et al. (2022) A functional circuit formed by the autonomic nerves and myofibroblasts controls mammalian alveolar formation for gas exchange. *Developmental cell*, 57(13), 1566.

Dorrego-Rivas A, et al. (2022) The core PCP protein Prickle2 regulates axon number and AIS maturation by binding to AnkG and modulating microtubule bundling. *Science advances*, 8(36), eabo6333.

Letchuman S, et al. (2022) Transcription Factor Hb9 Is Expressed in Glial Cell Lineages in the Developing Mouse Spinal Cord. *eNeuro*, 9(6).

Carnazza KE, et al. (2022) Synaptic vesicle binding of α -synuclein is modulated by α - and β -synucleins. *Cell reports*, 39(2), 110675.

Krus KL, et al. (2022) Loss of Stathmin-2, a hallmark of TDP-43-associated ALS, causes motor neuropathy. *Cell reports*, 39(13), 111001.

Correia JC, et al. (2021) Muscle-secreted neurturin couples myofiber oxidative metabolism and slow motor neuron identity. *Cell metabolism*, 33(11), 2215.