Resource Summary Report

Generated by RRID on Aug 3, 2026

Mouse Anti-Neurofilament H Monoclonal Antibody, Unconjugated, Clone SMI-32

RRID:AB_509997
Type: Antibody

Proper Citation

Covance Cat# SMI-32R-100, RRID:AB_509997

Antibody Information

URL: http://antibodyregistry.org/AB_509997

Proper Citation: Covance Cat# SMI-32R-100, RRID:AB_509997

Target Antigen: Neurofilament H

Host Organism: mouse

Clonality: monoclonal

Comments: Consolidation 6/2023: AB_10123643

Antibody Name: Mouse Anti-Neurofilament H Monoclonal Antibody, Unconjugated, Clone SMI-32

Description: This monoclonal targets Neurofilament H

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

Clone ID: Clone SMI-32

Defining Citation: PMID:19575450, PMID:18666125, PMID:23172043, PMID:19105198, PMID:23172137

Antibody ID: AB_509997

Vendor: Covance

Catalog Number: SMI-32R-100

Record Creation Time: 20250820T024846+0000

Record Last Update: 20250820T143500+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Neurofilament H Monoclonal Antibody, Unconjugated, Clone SMI-32.

No alerts have been found for Mouse Anti-Neurofilament H Monoclonal Antibody, Unconjugated, Clone SMI-32.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 40 mentions in open access literature.

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

Tribble JR, et al. (2025) Dysfunctional one-carbon metabolism identifies vitamins B6, B9, B12, and choline as neuroprotective in glaucoma. Cell reports. Medicine, 6(5), 102127.

Zhao Y, et al. (2025) Dual and plasticity-dependent regulation of cerebello-zona incerta circuits on anxiety-like behaviors. Nature communications, 16(1), 3339.

Bhagwandin A, et al. (2024) Where Do Core Thalamocortical Axons Terminate in Mammalian Neocortex When There Is No Cytoarchitecturally Distinct Layer 4? The Journal of comparative neurology, 532(7), e25652.

Fitzpatrick MJ, et al. (2024) A pupillary contrast response in mice and humans: Neural mechanisms and visual functions. Neuron, 112(14), 2404.

Contreras E, et al. (2024) Flp-recombinase mouse line for genetic manipulation of ipRGCs. bioRxiv : the preprint server for biology.

Galvão IC, et al. (2024) Multimodal single-cell profiling reveals neuronal vulnerability and pathological cell states in focal cortical dysplasia. iScience, 27(12), 111337.

Berry MH, et al. (2023) A melanopsin ganglion cell subtype forms a dorsal retinal mosaic projecting to the supraoptic nucleus. Nature communications, 14(1), 1492.

Contreras E, et al. (2023) Melanopsin activates divergent phototransduction pathways in intrinsically photosensitive retinal ganglion cell subtypes. eLife, 12.

Imam A, et al. (2022) The brain of the tree pangolin (Manis tricuspis). VII. The amygdaloid body. The Journal of comparative neurology, 530(15), 2590.

Dragic M, et al. (2022) Altered Topographic Distribution and Enhanced Neuronal Expression of Adenosine-Metabolizing Enzymes in Rat Hippocampus and Cortex from

Early to late Adulthood. Neurochemical research, 47(6), 1637.

Imam A, et al. (2022) The brain of the tree pangolin (Manis tricuspis). VIII. The subpallial telencephalon. The Journal of comparative neurology, 530(15), 2611.

Pottackal J, et al. (2021) Photoreceptive Ganglion Cells Drive Circuits for Local Inhibition in the Mouse Retina. The Journal of neuroscience : the official journal of the Society for Neuroscience, 41(7), 1489.

Pillay S, et al. (2021) The hippocampal formation of two carnivore species: The feliform banded mongoose and the caniform domestic ferret. The Journal of comparative neurology, 529(1), 8.

Pillay S, et al. (2021) The diencephalon of two carnivore species: The feliform banded mongoose and the caniform domestic ferret. The Journal of comparative neurology, 529(1), 52.

Pillay S, et al. (2021) The amygdaloid body of two carnivore species: The feliform banded mongoose and the caniform domestic ferret. The Journal of comparative neurology, 529(1), 28.

Fujita H, et al. (2020) Modular output circuits of the fastigial nucleus for diverse motor and nonmotor functions of the cerebellar vermis. eLife, 9.

Lei Z, et al. (2020) NF-?B Activation Accounts for the Cytoprotective Effects of PERK Activation on Oligodendrocytes during EAE. The Journal of neuroscience : the official journal of the Society for Neuroscience, 40(33), 6444.

Chengetanai S, et al. (2020) The brain of the African wild dog. II. The olfactory system. The Journal of comparative neurology, 528(18), 3285.

Chengetanai S, et al. (2020) The brain of the African wild dog. III. The auditory system. The Journal of comparative neurology, 528(18), 3229.

Wang Q, et al. (2020) The Allen Mouse Brain Common Coordinate Framework: A 3D Reference Atlas. Cell, 181(4), 936.