

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.SciCrunch.org) on May 1, 2025

## Mouse Anti-200kDa / 160kDa Neurofilament Monoclonal Antibody, Unconjugated, Clone SMI-310

RRID:AB\_448147

Type: Antibody

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### Proper Citation

(Abcam Cat# ab24570, RRID:AB\_448147)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_448147](http://antibodyregistry.org/AB_448147)

**Proper Citation:** (Abcam Cat# ab24570, RRID:AB\_448147)

**Target Antigen:** 200kDa + 160kDa Neurofilament

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown, seller recommendations provided in 2012: ELISA; Immunohistochemistry; Western Blot; ELISA, Immunohistochemistry-Fr, Immunohistochemistry-P, Western Blot

**Antibody Name:** Mouse Anti-200kDa / 160kDa Neurofilament Monoclonal Antibody, Unconjugated, Clone SMI-310

**Description:** This monoclonal targets 200kDa + 160kDa Neurofilament

**Target Organism:** all

**Clone ID:** Clone SMI-310

**Antibody ID:** AB\_448147

**Vendor:** Abcam

**Catalog Number:** ab24570

**Record Creation Time:** 20241016T234027+0000

**Record Last Update:** 20241017T010450+0000

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## Ratings and Alerts

No rating or validation information has been found for Mouse Anti-200kDa / 160kDa Neurofilament Monoclonal Antibody, Unconjugated, Clone SMI-310.

No alerts have been found for Mouse Anti-200kDa / 160kDa Neurofilament Monoclonal Antibody, Unconjugated, Clone SMI-310.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Sousa SC, et al. (2024) Stretch triggers microtubule stabilization and MARCKS-dependent membrane incorporation in the shaft of embryonic axons. *Current biology : CB*, 34(19), 4577.

Takeuchi S, et al. (2020) Activation of the VPAC2 Receptor Impairs Axon Outgrowth and Decreases Dendritic Arborization in Mouse Cortical Neurons by a PKA-Dependent Mechanism. *Frontiers in neuroscience*, 14, 521.

González Fleitas MF, et al. (2020) Enriched environment provides neuroprotection against experimental glaucoma. *Journal of neurochemistry*, 152(1), 103.

Bordone MP, et al. (2017) Involvement of microglia in early axoglial alterations of the optic nerve induced by experimental glaucoma. *Journal of neurochemistry*, 142(2), 323.