

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

Mouse Anti-4-Hydroxy-2-Nonenal Monoclonal Antibody, Unconjugated, Clone HNEJ-2

RRID:AB_867452

Type: Antibody

Proper Citation

(Abcam Cat# ab48506, RRID:AB_867452)

Antibody Information

URL: http://antibodyregistry.org/AB_867452

Proper Citation: (Abcam Cat# ab48506, RRID:AB_867452)

Target Antigen: 4-Hydroxy-2-Nonenal

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: Mouse Anti-4-Hydroxy-2-Nonenal Monoclonal Antibody, Unconjugated, Clone HNEJ-2

Description: This monoclonal targets 4-Hydroxy-2-Nonenal

Clone ID: Clone HNEJ-2

Antibody ID: AB_867452

Vendor: Abcam

Catalog Number: ab48506

Record Creation Time: 20231110T042900+0000

Record Last Update: 20241115T131249+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-4-Hydroxy-2-Nonenal Monoclonal Antibody, Unconjugated, Clone HNEJ-2.

No alerts have been found for Mouse Anti-4-Hydroxy-2-Nonenal Monoclonal Antibody, Unconjugated, Clone HNEJ-2.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Titiz M, et al. (2024) Schwann cell C5aR1 co-opts inflammasome NLRP1 to sustain pain in a mouse model of endometriosis. Nature communications, 15(1), 10142.

Bellantoni E, et al. (2024) Schwann cell transient receptor potential ankyrin 1 (TRPA1) ortholog in zebrafish larvae mediates chemotherapy-induced peripheral neuropathy. British journal of pharmacology, 181(23), 4859.

Liu K, et al. (2024) Tracing the origin of alveolar stem cells in lung repair and regeneration. Cell, 187(10), 2428.

Liang W, et al. (2024) The circular RNA circATP8B(2) regulates ROS production and antiviral immunity in Drosophila. Cell reports, 43(4), 113973.

Xu K, et al. (2024) CircPOLA2 sensitizes non-small cell lung cancer cells to ferroptosis and suppresses tumorigenesis via the Merlin-YAP signaling pathway. iScience, 27(9), 110832.

Feng YY, et al. (2024) Synthetic lethal CRISPR screen identifies a cancer cell-intrinsic role of PD-L1 in regulation of vulnerability to ferroptosis. Cell reports, 43(7), 114477.

Verkerke ARP, et al. (2024) BCAA-nitrogen flux in brown fat controls metabolic health independent of thermogenesis. Cell, 187(10), 2359.

Guo JL, et al. (2024) Decreased lipidated ApoE-receptor interactions confer protection against pathogenicity of ApoE and its lipid cargoes in lysosomes. Cell.

Li W, et al. (2023) Ferroptosis inhibition protects vascular endothelial cells and maintains integrity of the blood-spinal cord barrier after spinal cord injury. Neural regeneration research, 18(11), 2474.

Yang F, et al. (2023) Ferroptosis heterogeneity in triple-negative breast cancer reveals an innovative immunotherapy combination strategy. *Cell metabolism*, 35(1), 84.

Li W, et al. (2023) Sulforaphane attenuates cancer cell-induced atrophy of C2C12 myotubes. *American journal of physiology. Cell physiology*, 324(2), C205.

Walker OS, et al. (2021) Delta-9-tetrahydrocannabinol inhibits invasion of HTR8/SVneo human extravillous trophoblast cells and negatively impacts mitochondrial function. *Scientific reports*, 11(1), 4029.

Flor A, et al. (2021) Lipid-derived electrophiles mediate the effects of chemotherapeutic topoisomerase I poisons. *Cell chemical biology*, 28(6), 776.

Phensy A, et al. (2020) Deletion of the Mitochondrial Matrix Protein CyclophilinD Prevents Parvalbumin Interneuron Dysfunction and Cognitive Deficits in a Mouse Model of NMDA Hypofunction. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 40(32), 6121.

Li T, et al. (2017) The Ubiquitin E3 Ligase TRAF6 Exacerbates Ischemic Stroke by Ubiquitinating and Activating Rac1. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 37(50), 12123.