

Resource Summary Report

Generated by RRID on Aug 6, 2026

Mitofusin-2 (D1E9)

RRID:AB_2750893

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 11925, RRID:AB_2750893

Antibody Information

URL: http://antibodyregistry.org/AB_2750893

Proper Citation: Cell Signaling Technology Cat# 11925, RRID:AB_2750893

Target Antigen: Mitofusin-2

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC

Antibody Name: Mitofusin-2 (D1E9)

Description: This monoclonal targets Mitofusin-2

Target Organism: monkey, hamster, human

Clone ID: D1E9

Antibody ID: AB_2750893

Vendor: Cell Signaling Technology

Catalog Number: 11925

Record Creation Time: 20250820T063406+0000

Record Last Update: 20250821T002633+0000

Ratings and Alerts

No rating or validation information has been found for Mitofusin-2 (D1E9).

No alerts have been found for Mitofusin-2 (D1E9).

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 [RRID](#) .

Stok JE, et al. (2025) Vault RNAs aid RNA virus infection by facilitating cytoplasmic localization of hnRNP C and ELAVL1. *Cell reports*, 44(6), 115823.

O'Reilly CL, et al. (2025) Combining In Vivo 2-Photon Imaging with Photoactivatable Fluorescent Labeling Shows Low Rates of Mitochondrial Dynamics in Skeletal Muscle. *Medicine and science in sports and exercise*, 57(10), 2324.

López-Cervantes M, et al. (2025) Portacaval anastomosis promotes fragmentation of mitochondrial network in the cerebellum of male rats. *Metabolic brain disease*, 40(7), 274.

Nógrádi-Halmi D, et al. (2025) Kynurenic Acid Protects Against Myocardial Ischemia/Reperfusion Injury by Activating GPR35 Receptors and Preserving Mitochondrial Structure and Function. *Biomolecules*, 15(10).

Ainslie AP, et al. (2024) Glioblastoma and its treatment are associated with extensive accelerated brain aging. *Aging cell*, 23(3), e14066.

Tábara LC, et al. (2024) MTFP1 controls mitochondrial fusion to regulate inner membrane quality control and maintain mtDNA levels. *Cell*, 187(14), 3619.

Miner GE, et al. (2023) PLIN5 interacts with FATP4 at membrane contact sites to promote lipid droplet-to-mitochondria fatty acid transport. *Developmental cell*, 58(14), 1250.

Humphries BA, et al. (2023) Enhanced mitochondrial fission inhibits triple-negative breast cancer cell migration through an ROS-dependent mechanism. *iScience*, 26(6), 106788.

Nguyen TTM, et al. (2023) Mitochondrial Bcl-xL promotes brain synaptogenesis by controlling non-lethal caspase activation. *iScience*, 26(5), 106674.

Yang JF, et al. (2023) Mitochondria-ER contact mediated by MFN2-SERCA2 interaction supports CD8+ T cell metabolic fitness and function in tumors. *Science immunology*, 8(87), eabq2424.

Kim H, et al. (2022) STAT6 in mitochondrial outer membrane impairs mitochondrial fusion by inhibiting MFN2 dimerization. *iScience*, 25(9), 104923.

Ramonett A, et al. (2022) Regulation of mitochondrial fission by GIPC-mediated Drp1 retrograde transport. *Molecular biology of the cell*, 33(1), ar4.

Abudupataer M, et al. (2021) Aorta smooth muscle-on-a-chip reveals impaired mitochondrial dynamics as a therapeutic target for aortic aneurysm in bicuspid aortic valve

disease. eLife, 10.

Baasch-Skytte T, et al. (2021) Skeletal muscle proteins important for work capacity are altered with type 2 diabetes - Effect of 10-20-30 training. Physiological reports, 9(1), e14681.

Liang JR, et al. (2020) A Genome-wide ER-phagy Screen Highlights Key Roles of Mitochondrial Metabolism and ER-Resident UFMylation. Cell, 180(6), 1160.