Resource Summary Report

Generated by RRID on Jul 28, 2026

Mitofusin-2 (D2D10) Rabbit mAb

RRID:AB_2716838
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9482, RRID:AB_2716838

Antibody Information

URL: http://antibodyregistry.org/AB_2716838

Proper Citation: Cell Signaling Technology Cat# 9482, RRID:AB_2716838

Target Antigen: Mfn2

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IHC-P, IF-IC

Antibody Name: Mitofusin-2 (D2D10) Rabbit mAb

Description: This recombinant monoclonal targets Mfn2

Target Organism: monkey, rat, hamster, mouse, human

Clone ID: D2D10

Antibody ID: AB_2716838

Vendor: Cell Signaling Technology

Catalog Number: 9482

Record Creation Time: 20250819T232547+0000

Record Last Update: 20250820T051919+0000

Ratings and Alerts

No rating or validation information has been found for Mitofusin-2 (D2D10) Rabbit mAb.

No alerts have been found for Mitofusin-2 (D2D10) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 34 mentions in open access literature.

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

Lahme K, et al. (2026) Autoantibody-triggered podocyte membrane budding drives autoimmune kidney disease. Cell, 189(1), 123.

Liu X, et al. (2026) Acetaminophen aggravates valproate-induced hepatic lipid accumulation and apoptosis by facilitating valproate retention. British journal of pharmacology, 183(3), 598.

Vykoukal J, et al. (2025) Vesicle-mediated mitochondrial clearance presents an actionable metabolic vulnerability in triple-negative breast cancer. Cell reports. Medicine, 6(12), 102478.

Zheng J, et al. (2025) Dapk2 dysfunction leads to Mic60 lactylation and mitochondrial metabolic reprogramming, promoting lung cancer EGFR-TKI resistance and metastasis. Developmental cell.

Zhang Z, et al. (2025) A sensory and motor neuropathy caused by a genetic variant of NAMPT. Science advances, 11(39), eadx2407.

Collier CL, et al. (2025) PINK1 Loss of Function Selectively Alters the Mitochondrial-Derived Vesicle Pathway. FASEB bioAdvances, 7(7), e70030.

Gong S, et al. (2025) Ginsenoside Rh1 mitigates mitochondrial dysfunction induced by myocardial ischaemia through its novel role as a sirtuin 3 activator. British journal of pharmacology, 182(13), 3017.

Sun L, et al. (2024) Mitochondrial transplantation confers protection against the effects of ischemic stroke by repressing microglial pyroptosis and promoting neurogenesis. Neural regeneration research, 19(6), 1325.

Murakawa T, et al. (2024) AMPK regulates Bcl2-L-13-mediated mitophagy induction for cardioprotection. Cell reports, 43(12), 115001.

Zhang JF, et al. (2024) Acetylated tau exacerbates apoptosis by disturbing mitochondrial dynamics in HEK293 cells. Journal of neurochemistry, 168(3), 288.

de Talhouët C, et al. (2024) KAT8 compound inhibition inhibits the initial steps of PINK1-dependant mitophagy. Scientific reports, 14(1), 11721.

Glytsou C, et al. (2023) Mitophagy Promotes Resistance to BH3 Mimetics in Acute Myeloid Leukemia. Cancer discovery, 13(7), 1656.

Zhang W, et al. (2023) Cancer cells reprogram to metastatic state through the acquisition of platelet mitochondria. Cell reports, 42(9), 113147.

Marques E, et al. (2023) Lipocalin-2 induces mitochondrial dysfunction in renal tubular cells via mTOR pathway activation. Cell reports, 42(9), 113032.

He Y, et al. (2023) Numb/Parkin-directed mitochondrial fitness governs cancer cell fate via metabolic regulation of histone lactylation. Cell reports, 42(2), 112033.

Yang J, et al. (2023) Chemical inhibition of mitochondrial fission via targeting the DRP1-receptor interaction. Cell chemical biology, 30(3), 278.

Pearah A, et al. (2023) Blocking AMPK?S496 phosphorylation improves mitochondrial dynamics and hyperglycemia in aging and obesity. Cell chemical biology, 30(12), 1585.

Fame RM, et al. (2023) Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and temporal resolution. Nature communications, 14(1), 3720.

Moon SH, et al. (2023) Genetic deletion of skeletal muscle iPLA2? results in mitochondrial dysfunction, muscle atrophy and alterations in whole-body energy metabolism. iScience, 26(6), 106895.

Cao K, et al. (2022) Mitochondrial dynamics regulate genome stability via control of caspase-dependent DNA damage. Developmental cell, 57(10), 1211.