

Resource Summary Report

Generated by [NIF](#) on Jul 29, 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 [NIF](#) .

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 γ S496 phosphorylation improves mitochondrial dynamics and hyperglycemia in aging and obesity. *Cell chemical biology*, 30(12), 1585.

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

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.

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