

Resource Summary Report

Generated by [NIF](#) on Aug 10, 2026

Cytochrome c

RRID:AB_396416

Type: Antibody

Proper Citation

BD Biosciences Cat# 556432, RRID:AB_396416

Antibody Information

URL: http://antibodyregistry.org/AB_396416

Proper Citation: BD Biosciences Cat# 556432, RRID:AB_396416

Target Antigen: Cytochrome c

Host Organism: mouse

Clonality: monoclonal

Comments: Western blot

Antibody Name: Cytochrome c

Description: This monoclonal targets Cytochrome c

Target Organism: rat, mouse, human

Antibody ID: AB_396416

Vendor: BD Biosciences

Catalog Number: 556432

Record Creation Time: 20250820T062117+0000

Record Last Update: 20250820T235308+0000

Ratings and Alerts

No rating or validation information has been found for Cytochrome c.

No alerts have been found for Cytochrome c.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Yasuda T, et al. (2026) Disrupted mitochondrial dynamics activate RNA-sensing innate immunity through mitochondrial RNA release. *Cell reports*, 45(7), 117607.

Ramsey AC, et al. (2026) TGF- β signaling promotes astroglial activation and TDP-43 proteinopathy in organoid models of frontotemporal lobar degeneration. *The Journal of clinical investigation*, 136(14).

Ding Z, et al. (2025) MLKL activates the cGAS-STING pathway by releasing mitochondrial DNA upon necroptosis induction. *Molecular cell*, 85(13), 2610.

Itakura M, et al. (2025) Inhibition of GAPDH aggregation as a potential treatment for acute ischemic stroke. *iScience*, 28(6), 112564.

Saidia AR, et al. (2024) Oxidative Stress Plays an Important Role in Glutamatergic Excitotoxicity-Induced Cochlear Synaptopathy: Implication for Therapeutic Molecules Screening. *Antioxidants (Basel, Switzerland)*, 13(2).

Bhat SA, et al. (2024) Geranylgeranylated SCFFBXO10 regulates selective outer mitochondrial membrane proteostasis and function. *Cell reports*, 43(10), 114783.

Pavani M, et al. (2023) Triap1 upregulation promotes escape from mitotic-slippage-induced G1 arrest. *Cell reports*, 42(3), 112215.

Yasuda T, et al. (2023) Mitochondrial dynamics define muscle fiber type by modulating cellular metabolic pathways. *Cell reports*, 42(5), 112434.

Kalkavan H, et al. (2022) Sublethal cytochrome c release generates drug-tolerant persister cells. *Cell*, 185(18), 3356.

Chen F, et al. (2022) Self-assembly of pericentriolar material in interphase cells lacking centrioles. *eLife*, 11.

Baker N, et al. (2022) The mitochondrial protein OPA1 regulates the quiescent state of adult muscle stem cells. *Cell stem cell*, 29(9), 1315.

Huang N, et al. (2021) Reprogramming an energetic AKT-PAK5 axis boosts axon energy supply and facilitates neuron survival and regeneration after injury and ischemia. *Current biology : CB*, 31(14), 3098.

Roca-Agujetas V, et al. (2021) Cholesterol alters mitophagy by impairing optineurin recruitment and lysosomal clearance in Alzheimer's disease. *Molecular*

neurodegeneration, 16(1), 15.

Zhang C, et al. (2020) BLOS1 mediates kinesin switch during endosomal recycling of LDL receptor. *eLife*, 9.

De Pace R, et al. (2020) Synaptic Vesicle Precursors and Lysosomes Are Transported by Different Mechanisms in the Axon of Mammalian Neurons. *Cell reports*, 31(11), 107775.

Liu YT, et al. (2020) Loss of CHCHD2 and CHCHD10 activates OMA1 peptidase to disrupt mitochondrial cristae phenocopying patient mutations. *Human molecular genetics*, 29(9), 1547.

Wang TS, et al. (2020) Endolysosomal Targeting of Mitochondria Is Integral to BAX-Mediated Mitochondrial Permeabilization during Apoptosis Signaling. *Developmental cell*, 53(6), 627.

Antonicka H, et al. (2020) A High-Density Human Mitochondrial Proximity Interaction Network. *Cell metabolism*, 32(3), 479.

Jeng EE, et al. (2019) Systematic Identification of Host Cell Regulators of *Legionella pneumophila* Pathogenesis Using a Genome-wide CRISPR Screen. *Cell host & microbe*, 26(4), 551.

To TL, et al. (2019) A Compendium of Genetic Modifiers of Mitochondrial Dysfunction Reveals Intra-organelle Buffering. *Cell*, 179(5), 1222.