

Resource Summary Report

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Cytochrome c

RRID:AB_396417

Type: Antibody

Proper Citation

(BD Biosciences Cat# 556433, RRID:AB_396417)

Antibody Information

URL: http://antibodyregistry.org/AB_396417

Proper Citation: (BD Biosciences Cat# 556433, RRID:AB_396417)

Target Antigen: Cytochrome c

Host Organism: mouse

Clonality: monoclonal

Comments: Western blot

Antibody Name: Cytochrome c

Description: This monoclonal targets Cytochrome c

Target Organism: mouse, rat, chickenbird, horse, human, mouse, rat, horse, pigeon

Antibody ID: AB_396417

Vendor: BD Biosciences

Catalog Number: 556433

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 45 mentions in open access literature.

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

Sun Y, et al. (2024) A mitophagy sensor PPTC7 controls BNIP3 and NIX degradation to regulate mitochondrial mass. *Molecular cell*, 84(2), 327.

Kurusu R, et al. (2023) Integrated proteomics identifies p62-dependent selective autophagy of the supramolecular vault complex. *Developmental cell*, 58(13), 1189.

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

Swinter K, et al. (2023) PolyQ-Expansion Causes Mitochondria Fragmentation Independent of Huntingtin and Is Distinct from Traumatic Brain Injury (TBI)/Mechanical Stress-Mediated Fragmentation Which Results from Cell Death. *Cells*, 12(19).

Kang H, et al. (2023) DGKB mediates radioresistance by regulating DGAT1-dependent lipotoxicity in glioblastoma. *Cell reports. Medicine*, 4(1), 100880.

Robinson DRL, et al. (2022) Applying Sodium Carbonate Extraction Mass Spectrometry to Investigate Defects in the Mitochondrial Respiratory Chain. *Frontiers in cell and developmental biology*, 10, 786268.

Cosentino K, et al. (2022) The interplay between BAX and BAK tunes apoptotic pore growth to control mitochondrial-DNA-mediated inflammation. *Molecular cell*, 82(5), 933.

Altea-Manzano P, et al. (2022) Reversal of mitochondrial malate dehydrogenase 2 enables anaplerosis via redox rescue in respiration-deficient cells. *Molecular cell*, 82(23), 4537.

Pernaute B, et al. (2022) DRP1 levels determine the apoptotic threshold during embryonic differentiation through a mitophagy-dependent mechanism. *Developmental cell*, 57(11), 1316.

Kilinc S, et al. (2021) Oncogene-regulated release of extracellular vesicles. *Developmental cell*, 56(13), 1989.

Quintana M, et al. (2021) Ethanol Enhances Hyperthermia-Induced Cell Death in Human Leukemia Cells. *International journal of molecular sciences*, 22(9).

Vaena S, et al. (2021) Aging-dependent mitochondrial dysfunction mediated by ceramide signaling inhibits antitumor T cell response. *Cell reports*, 35(5), 109076.

Pasetto L, et al. (2021) Decoding distinctive features of plasma extracellular vesicles in amyotrophic lateral sclerosis. *Molecular neurodegeneration*, 16(1), 52.

Dengler MA, et al. (2021) BAX mitochondrial integration is regulated allosterically by its α 1- α 2 loop. *Cell death and differentiation*, 28(12), 3270.

Acoba MG, et al. (2021) The mitochondrial carrier SFXN1 is critical for complex III integrity and cellular metabolism. *Cell reports*, 34(11), 108869.

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.

Kuijpers M, et al. (2021) Neuronal Autophagy Regulates Presynaptic Neurotransmission by Controlling the Axonal Endoplasmic Reticulum. *Neuron*, 109(2), 299.

Gonzalez-Franquesa A, et al. (2021) Mass-spectrometry-based proteomics reveals mitochondrial supercomplexome plasticity. *Cell reports*, 35(8), 109180.

Birkinshaw RW, et al. (2021) Structure of detergent-activated BAK dimers derived from the inert monomer. *Molecular cell*, 81(10), 2123.

Davenne T, et al. (2020) SAMHD1 Limits the Efficacy of Forodesine in Leukemia by Protecting Cells against the Cytotoxicity of dGTP. *Cell reports*, 31(6), 107640.