

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://FDILab.org) on May 14, 2025

Recombinant Anti-TOMM20 antibody [EPR15581-54] - Mitochondrial Marker

RRID:AB_2889972

Type: Antibody

Proper Citation

(Abcam Cat# ab186735, RRID:AB_2889972)

Antibody Information

URL: http://antibodyregistry.org/AB_2889972

Proper Citation: (Abcam Cat# ab186735, RRID:AB_2889972)

Target Antigen: TOMM20

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: ICC/IF, WB, IHC-P, Flow Cyt, IHC-Fr

Antibody Name: Recombinant Anti-TOMM20 antibody [EPR15581-54] - Mitochondrial Marker

Description: This recombinant monoclonal targets TOMM20

Target Organism: rat, mouse, human

Clone ID: EPR15581-54

Antibody ID: AB_2889972

Vendor: Abcam

Catalog Number: ab186735

Record Creation Time: 20231110T031648+0000

Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-TOMM20 antibody [EPR15581-54] - Mitochondrial Marker.

No alerts have been found for Recombinant Anti-TOMM20 antibody [EPR15581-54] - Mitochondrial Marker.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Kim J, et al. (2024) ATAD1 prevents clogging of TOM and damage caused by un-imported mitochondrial proteins. Cell reports, 43(8), 114473.

Wang L, et al. (2024) Engineering an energy-dissipating hybrid tissue in vivo for obesity treatment. Cell reports, 43(7), 114425.

Sui M, et al. (2024) The role of Testis-Specific Protein Y-encoded-Like 2 in kidney injury. iScience, 27(5), 109594.

Vieira Neto E, et al. (2024) Mitochondrial bioenergetics and cardiolipin remodeling abnormalities in mitochondrial trifunctional protein deficiency. JCI insight, 9(17).

Han B, et al. (2024) Tumor suppressor KEAP1 promotes HSPA9 degradation, controlling mitochondrial biogenesis in breast cancer. Cell reports, 43(7), 114507.

Jung CH, et al. (2024) The N-degron pathway mediates the autophagic degradation of cytosolic mitochondrial DNA during sterile innate immune responses. Cell reports, 44(1), 115094.

Choudhury D, et al. (2024) Proline restores mitochondrial function and reverses aging hallmarks in senescent cells. Cell reports, 43(2), 113738.

Mistretta M, et al. (2024) Flvcr1a deficiency promotes heme-based energy metabolism dysfunction in skeletal muscle. Cell reports, 43(3), 113854.

Ilamathi HS, et al. (2024) Protocol for measuring interorganelle contact sites in primary cells

using a modified proximity ligation assay. STAR protocols, 5(1), 102915.

Chojnacki AK, et al. (2023) Tissue imaging reveals disruption of epithelial mitochondrial networks and loss of mitochondria-associated cytochrome-C in inflamed human and murine colon. Mitochondrion, 68, 44.

Kraus F, et al. (2023) PARK15/FBXO7 is dispensable for PINK1/Parkin mitophagy in iNeurons and HeLa cell systems. EMBO reports, 24(8), e56399.

Wang X, et al. (2023) Driving axon regeneration by orchestrating neuronal and non-neuronal innate immune responses via the IFN γ -cGAS-STING axis. Neuron, 111(2), 236.

Ilamathi HS, et al. (2023) Contact sites between endoplasmic reticulum sheets and mitochondria regulate mitochondrial DNA replication and segregation. iScience, 26(7), 107180.

Tang H, et al. (2022) IP3R-mediated Ca²⁺ signaling controls B cell proliferation through metabolic reprogramming. iScience, 25(5), 104209.

Abdullah MO, et al. (2022) Mitochondrial hyperfusion via metabolic sensing of regulatory amino acids. Cell reports, 40(7), 111198.

Crouch EE, et al. (2022) Ensembles of endothelial and mural cells promote angiogenesis in prenatal human brain. Cell, 185(20), 3753.

Choudhury D, et al. (2022) Inhibition of glutaminolysis restores mitochondrial function in senescent stem cells. Cell reports, 41(9), 111744.

Mela V, et al. (2022) Mitochondrial Homeostasis in Obesity-related Hypertriglyceridemia. The Journal of clinical endocrinology and metabolism, 107(8), 2203.

García-García T, et al. (2022) Impairment of antiviral immune response and disruption of cellular functions by SARS-CoV-2 ORF7a and ORF7b. iScience, 25(11), 105444.

McKenna MJ, et al. (2022) ATP13A1 prevents ERAD of folding-competent mislocalized and misoriented proteins. Molecular cell, 82(22), 4277.