

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 25, 2025

MTCO1 Monoclonal Antibody (1D6E1A8)

RRID:AB_10374492

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 459600, RRID:AB_10374492)

Antibody Information

URL: http://antibodyregistry.org/AB_10374492

Proper Citation: (Thermo Fisher Scientific Cat# 459600, RRID:AB_10374492)

Target Antigen: MTCO1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow, ICC/IF, IHC (P), WB

Antibody Name: MTCO1 Monoclonal Antibody (1D6E1A8)

Description: This monoclonal targets MTCO1

Target Organism: rat, mouse, human

Clone ID: Clone 1D6E1A8

Defining Citation:

[PMID:27317664](#), [PMID:23129790](#), [PMID:26259963](#), [PMID:25355512](#), [PMID:26785494](#),
[PMID:26733245](#), [PMID:23969228](#), [PMID:24747745](#), [PMID:26293594](#), [PMID:8592440](#),
[PMID:25822152](#), [PMID:25036135](#), [PMID:25548283](#), [PMID:26374844](#), [PMID:21878618](#),
[PMID:20231292](#), [PMID:25961505](#), [PMID:23473034](#), [PMID:25827810](#), [PMID:25189622](#),
[PMID:24120970](#), [PMID:27154400](#), [PMID:25734483](#), [PMID:21832205](#), [PMID:26019234](#),
[PMID:25945953](#), [PMID:25642242](#), [PMID:26419588](#), [PMID:22860052](#), [PMID:26329936](#),
[PMID:24318105](#), [PMID:27121971](#), [PMID:24514907](#), [PMID:27226901](#), [PMID:21540128](#),
[PMID:24259511](#), [PMID:24603111](#), [PMID:20864674](#), [PMID:23341947](#), [PMID:21550321](#),
[PMID:14569596](#), [PMID:21880732](#), [PMID:23844142](#), [PMID:27342873](#), [PMID:25852572](#),
[PMID:19914305](#), [PMID:26921094](#), [PMID:22347426](#), [PMID:20599679](#), [PMID:23703530](#),
[PMID:26783299](#), [PMID:21907147](#), [PMID:26110811](#)

Antibody ID: AB_10374492

Vendor: Thermo Fisher Scientific

Catalog Number: 459600

Record Creation Time: 20231110T035536+0000

Record Last Update: 20240725T021807+0000

Ratings and Alerts

No rating or validation information has been found for MTCO1 Monoclonal Antibody (1D6E1A8).

No alerts have been found for MTCO1 Monoclonal Antibody (1D6E1A8).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

García-Poyatos C, et al. (2024) Cox7a1 controls skeletal muscle physiology and heart regeneration through complex IV dimerization. *Developmental cell*, 59(14), 1824.

Hernansanz-Agustín P, et al. (2024) A transmitochondrial sodium gradient controls membrane potential in mammalian mitochondria. *Cell*.