

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 21, 2025

Mouse Anti-Human DRP1 Monoclonal Antibody, Unconjugated, Clone 6Z-82

RRID:AB_2093545

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-101270, RRID:AB_2093545)

Antibody Information

URL: http://antibodyregistry.org/AB_2093545

Proper Citation: (Santa Cruz Biotechnology Cat# sc-101270, RRID:AB_2093545)

Target Antigen: DNM1L

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: western blot, ELISA, immunohistochemistry, immunocytochemistry

Antibody Name: Mouse Anti-Human DRP1 Monoclonal Antibody, Unconjugated, Clone 6Z-82

Description: This monoclonal targets DNM1L

Target Organism: human

Antibody ID: AB_2093545

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-101270

Record Creation Time: 20241016T230348+0000

Record Last Update: 20241016T235750+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Human DRP1 Monoclonal Antibody, Unconjugated, Clone 6Z-82.

No alerts have been found for Mouse Anti-Human DRP1 Monoclonal Antibody, Unconjugated, Clone 6Z-82.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 5 mentions in open access literature.

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

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

Simpson CL, et al. (2021) NIX initiates mitochondrial fragmentation via DRP1 to drive epidermal differentiation. Cell reports, 34(5), 108689.

Cha Y, et al. (2021) SIRT2 regulates mitochondrial dynamics and reprogramming via MEK1-ERK-DRP1 and AKT1-DRP1 axes. Cell reports, 37(13), 110155.

Cheng Y, et al. (2020) Neuroprotective actions of leptin facilitated through balancing mitochondrial morphology and improving mitochondrial function. Journal of neurochemistry, 155(2), 191.

Marshall KD, et al. (2019) The novel cyclophilin-D-interacting protein FASTKD1 protects cells against oxidative stress-induced cell death. American journal of physiology. Cell physiology, 317(3), C584.