## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 19, 2025

# <u>Mfn1 (D-10)</u>

RRID:AB\_2142616 Type: Antibody

#### **Proper Citation**

(Santa Cruz Biotechnology Cat# sc-166644, RRID:AB\_2142616)

#### Antibody Information

URL: http://antibodyregistry.org/AB\_2142616

Proper Citation: (Santa Cruz Biotechnology Cat# sc-166644, RRID:AB\_2142616)

Target Antigen: Mfn1 (D-10)

Host Organism: mouse

**Clonality:** monoclonal

**Comments:** validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Immunohistochemistry; ELISA

Antibody Name: Mfn1 (D-10)

Description: This monoclonal targets Mfn1 (D-10)

Target Organism: rat, mouse, human

Antibody ID: AB\_2142616

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-166644

**Record Creation Time:** 20241017T003446+0000

Record Last Update: 20241017T022336+0000

### **Ratings and Alerts**

No rating or validation information has been found for Mfn1 (D-10).

No alerts have been found for Mfn1 (D-10).

#### 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.

Zhao G, et al. (2024) Mitotic ER-mitochondria contact enhances mitochondrial Ca2+ influx to promote cell division. Cell reports, 43(10), 114794.

Hsu CC, et al. (2021) Inositol serves as a natural inhibitor of mitochondrial fission by directly targeting AMPK. Molecular cell, 81(18), 3803.

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.

Muñoz-Úbeda M, et al. (2019) Gemini-Based Lipoplexes Complement the Mitochondrial Phenotype in MFN1-Knockout Mouse Embryonic Fibroblasts. Molecular pharmaceutics, 16(12), 4787.