

Resource Summary Report

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myosin, sarcomere (MHC) antibody - Fischman, D.A.; Weill Cornell Medical College

RRID:AB_2147781

Type: Antibody

Proper Citation

DSHB Cat# MF 20, RRID:AB_2147781

Antibody Information

URL: http://antibodyregistry.org/AB_2147781

Proper Citation: DSHB Cat# MF 20, RRID:AB_2147781

Target Antigen: myosin, sarcomere (MHC)

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s):

ELISA, FACS, FFPE, Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Western Blot; Date Deposited: 04/22/1986

Antibody Name: myosin, sarcomere (MHC) antibody - Fischman, D.A.; Weill Cornell Medical College

Description: This monoclonal targets myosin, sarcomere (MHC)

Target Organism: chicken, xenopus, amphibian, avian, mammal, fish, zebrafish, human

Defining Citation: [PMID:28803986](#), [PMID:22736793](#), [PMID:8449367](#), [PMID:18358820](#), [PMID:8812144](#), [PMID:14594208](#), [PMID:23783515](#), [PMID:9628891](#), [PMID:1506438](#), [PMID:3343192](#), [PMID:1959714](#), [PMID:12372339](#), [PMID:9491786](#), [PMID:28887218](#), [PMID:15389566](#), [PMID:16538658](#), [PMID:14699636](#), [PMID:9251254](#), [PMID:11359938](#), [PMID:2272411](#), [PMID:17189627](#), [PMID:24075907](#), [PMID:24894000](#), [PMID:8462733](#), [PMID:1447318](#), [PMID:9401815](#), [PMID:20880495](#), [PMID:21429987](#), [PMID:2647546](#), [PMID:11397008](#), [PMID:22296847](#), [PMID:24789805](#), [PMID:26237517](#), [PMID:9486822](#), [PMID:10614628](#), [PMID:12686596](#), [PMID:6185504](#), [PMID:23504940](#), [PMID:17638879](#), [PMID:2668089](#), [PMID:17194759](#), [PMID:22075003](#), [PMID:24053798](#), [PMID:12042317](#), [PMID:9662653](#), [PMID:8690796](#), [PMID:7704452](#), [PMID:23893976](#), [PMID:27659197](#), [PMID:29222527](#), [PMID:27144987](#), [PMID:25695429](#), [PMID:11505371](#), [PMID:15466890](#),

[PMID:7913900](#), [PMID:19620785](#), [PMID:15778986](#), [PMID:11278386](#), [PMID:21982178](#),
[PMID:8594899](#), [PMID:8573718](#), [PMID:1500811](#), [PMID:2243058](#), [PMID:22117196](#),
[PMID:23297407](#), [PMID:27452271](#), [PMID:12944397](#), [PMID:27699652](#), [PMID:2292359](#),
[PMID:3897243](#), [PMID:2065865](#), [PMID:29165341](#), [PMID:10486512](#), [PMID:29340059](#),
[PMID:3243383](#), [PMID:12508321](#), [PMID:15520282](#), [PMID:16107252](#), [PMID:28939766](#),
[PMID:3253060](#), [PMID:11229595](#), [PMID:23034636](#), [PMID:15616193](#), [PMID:21490065](#),
[PMID:27583644](#), [PMID:29241457](#), [PMID:16543498](#), [PMID:22273728](#), [PMID:21884693](#),
[PMID:12107494](#), [PMID:21750034](#), [PMID:25468655](#), [PMID:10588663](#), [PMID:23144999](#),
[PMID:8647920](#), [PMID:2268067](#), [PMID:8143772](#), [PMID:16677627](#)

Antibody ID: AB_2147781

Vendor: DSHB

Catalog Number: MF 20

Record Creation Time: 20250820T013644+0000

Record Last Update: 20250820T112319+0000

Ratings and Alerts

No rating or validation information has been found for myosin, sarcomere (MHC) antibody - Fischman, D.A.; Weill Cornell Medical College.

No alerts have been found for myosin, sarcomere (MHC) antibody - Fischman, D.A.; Weill Cornell Medical College.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 188 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Wherley TJ, et al. (2026) Myomaker and ether lipids cooperate to promote fusion-competent membrane states. Cell reports, 45(2), 116900.

Chiolerio P, et al. (2026) Human neuromuscular organoids mimic cancer-induced muscle cachexia. Cell reports methods, 6(2), 101331.

Simon J, et al. (2026) Bioactive factors in endometriosis peritoneal fluid remodel human cardiomyocytes. American journal of physiology. Heart and circulatory physiology, 331(1), H89.

Ke TL, et al. (2026) High level dynein impairs mitochondrial distribution and differentiation of rhabdomyosarcoma cells. iScience, 29(6), 116057.

Audebrand A, et al. (2026) Second-generation prokineticin PKR1 receptor agonists: Advancing cardioprotection against chemotherapy-induced toxicity. *British journal of pharmacology*, 183(12), 3377.

Vijatovic D, et al. (2026) Multifold increase in spinal inhibitory cell types with emergence of limb movement. *Cell reports*, 45(4), 117227.

Lopes MC, et al. (2026) Rats lacking emerlin develop muscle pathologies and molecular alterations found in humans with X-linked EDMD. *Human molecular genetics*, 35(7).

Gu L, et al. (2026) Chondrolectin regulates the sublaminar localization and regenerative function of muscle satellite cells in mice. *iScience*, 29(5), 115703.

Norris AM, et al. (2026) Protocol to assess myogenic effects of 3T3-L1 and primary murine fibro-adipogenic progenitors on C2C12 myoblast differentiation. *STAR protocols*, 7(1), 104332.

Ma F, et al. (2026) CSF1R+ macrophage and osteoclast depletion impairs neural crest proliferation and craniofacial morphogenesis. *Development (Cambridge, England)*, 153(16).

Xue D, et al. (2026) Histone methyltransferase SET-18/SMYD2-mediated activation of NADase TIR-1d/SARM1 increases mtROS to promote aging. *iScience*, 29(2), 114649.

Kural Mangit E, et al. (2026) Identification and Functional Analysis of Dual Nuclear Localization Signals on Desmin. *ACS omega*, 11(5), 7257.

Shams AS, et al. (2026) Elevated mitochondrial Ca²⁺ impairs satellite cell pool expansion in response to skeletal muscle injury. *Stem cell reports*, 21(7), 102972.

Hu W, et al. (2026) Leflunomide-inhibited STAT1 activity ameliorates intramuscular M1 macrophage infiltration and promotes muscle regeneration in Duchenne muscular dystrophy. *British journal of pharmacology*.

Sendra M, et al. (2025) Myocardium and endocardium of the early mammalian heart tube arise from independent multipotent lineages specified at the primitive streak. *Developmental cell*.

Wang D, et al. (2025) A Universal 6iL/E4 Culture System for Deriving and Maintaining Embryonic Stem Cells Across Mammalian Species. *bioRxiv : the preprint server for biology*.

Russell A, et al. (2025) Fhod3 in zebrafish supports myofibril stability during growth of embryonic skeletal muscle. *bioRxiv : the preprint server for biology*.

Yue F, et al. (2025) Mitochondrial fatty acid oxidation regulates adult muscle stem cell function through modulating metabolic flux and protein acetylation. *The EMBO journal*, 44(9), 2566.

Jiang Y, et al. (2025) Generation of a human induced pluripotent stem cell line (CRICKi021-A) from a patient with Ullrich congenital muscular dystrophy carrying a pathogenic mutation in the COL6A1 gene. *Stem cell research*, 83, 103648.

Kim YR, et al. (2025) Serum-free cultured meat production by using Pichia pastoris-derived recombinant albumin. *iScience*, 28(9), 113242.