

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 174 mentions in open access literature.

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

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.

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

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.

- Oyabu M, et al. (2025) Multi-dimensional metabolomic remodeling under diverse muscle atrophic stimuli in vivo. *Cell reports*, 44(8), 116097.
- 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.
- Feeney AK, et al. (2025) Enhancing human pluripotent stem cell differentiation to cardiomyocytes through cardiac progenitor reseeded and cryopreservation. *iScience*, 28(5), 112452.
- B??gershausen N, et al. (2025) SEC24C deficiency causes trafficking and glycosylation abnormalities in an epileptic encephalopathy with cataracts and dyserythropoiesis. *JCI insight*, 10(9).
- Keeley S, et al. (2025) Rapid and robust generation of cardiomyocyte-specific crisprants in zebrafish using the cardiodeleter system. *Cell reports methods*, 5(3), 101003.
- Dos Santos M, et al. (2025) A mechanistic basis of fast myofiber vulnerability to neuromuscular diseases. *Cell reports*, 44(7), 115959.
- Jabre S, et al. (2025) Lamin A/C protects chromatin accessibility during mechanical loading in human skeletal muscle. *Cell communication and signaling : CCS*, 23(1), 452.
- Jacyniak K, et al. (2025) Squamate ventricular cardiomyocytes: Ploidy, proliferation, and heart muscle cell size in the leopard gecko (*Eublepharis macularius*). *Developmental dynamics : an official publication of the American Association of Anatomists*.
- Gadek KE, et al. (2025) Transdifferentiation of endothelial progenitor cells into rhabdomyosarcoma defined by hedgehog signaling competence. *Cell reports*, 44(10), 116339.
- Yeh CJ, et al. (2025) FGFR1 and FGFR4 are essential regulators of muscle stem cell quiescence. *Cell communication and signaling : CCS*, 23(1), 535.
- Guang L, et al. (2025) An obesogenic FTO allele causes accelerated development, growth and insulin resistance in human skeletal muscle cells. *Nature communications*, 16(1), 1645.
- Redhead C, et al. (2025) The matricellular protein ADAMTS-like 2 regulates differentiation of skeletal muscle-resident fibro-adipogenic progenitor cells. *iScience*, 28(6), 112712.

Oyabu M, et al. (2025) Dnmt3a overexpression disrupts skeletal muscle homeostasis, promotes an aging-like phenotype, and reduces metabolic elasticity. *iScience*, 28(4), 112144.

Nahl?? S, et al. (2025) Differentially expressed fusogens specify myocyte states to drive myogenesis. *Development (Cambridge, England)*, 152(19).