

Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

myosin, sarcomere

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: MYL9

Host Organism: mouse

Clonality: monoclonal

Comments: Useful for western blot

Antibody Name: myosin, sarcomere

Description: This monoclonal targets MYL9

Target Organism: chicken

Defining Citation: [PMID:23504940](#)

Antibody ID: AB_2147781

Vendor: DSHB

Catalog Number: MF 20

Record Creation Time: 20250820T022419+0000

Record Last Update: 20250820T133030+0000

Ratings and Alerts

No rating or validation information has been found for myosin, sarcomere.

No alerts have been found for myosin, sarcomere.

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 [dkNET](#) .

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.

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.

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.

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.

Oyabu M, et al. (2025) Multi-dimensional metabolomic remodeling under diverse muscle atrophic stimuli in vivo. Cell reports, 44(8), 116097.

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.

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

Feeney AK, et al. (2025) Enhancing human pluripotent stem cell differentiation to cardiomyocytes through cardiac progenitor reseeded and cryopreservation. iScience, 28(5), 112452.

Bögershausen 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.

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

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.

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

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.