

Resource Summary Report

Generated by [NIF](#) on Sep 4, 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: 20231110T050159+0000

Record Last Update: 20260831T211854+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 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.

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

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.

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

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

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.

Lopes MC, et al. (2026) Rats lacking emerin 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 sublamina localization and regenerative function of muscle satellite cells in mice. *iScience*, 29(5), 115703.

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*.

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.

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.