

Resource Summary Report

Generated by [RRID](#) on Sep 4, 2026

[myogenin](#)

RRID:AB_2146602

Type: Antibody

Proper Citation

DSHB Cat# F5D, RRID:AB_2146602

Antibody Information

URL: http://antibodyregistry.org/AB_2146602

Proper Citation: DSHB Cat# F5D, RRID:AB_2146602

Target Antigen: Myog

Host Organism: mouse

Clonality: monoclonal

Comments: Useful for

Antibody Name: myogenin

Description: This monoclonal targets Myog

Target Organism: rat

Antibody ID: AB_2146602

Vendor: DSHB

Catalog Number: F5D

Record Creation Time: 20231110T050205+0000

Record Last Update: 20260901T060118+0000

Ratings and Alerts

No rating or validation information has been found for myogenin.

No alerts have been found for myogenin.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Yuan S, et al. (2026) A modified mechanical overload model for inducing hypertrophy in slow- and fast-twitch skeletal muscles in mice. *Biochemical and biophysical research communications*, 813, 153618.

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

Yeh CJ, et al. (2025) FGFR1 and FGFR4 are essential regulators of muscle stem cell quiescence. *Cell communication and signaling : CCS*, 23(1), 535.

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.

Payne JJ, et al. (2025) Juvenile vs. adult skeletal muscle transplants in the treatment of volumetric muscle loss injury. *Stem cell research & therapy*, 17(1), 17.

Svircovich A, et al. (2025) Oxytocin treatment reduces cancer cachexia in a pre-clinical model. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 193, 118825.

Fang Y, et al. (2024) The Mediator Med23 controls a transcriptional switch for muscle stem cell proliferation and differentiation in muscle regeneration. *Cell reports*, 43(5), 114177.

Ugorets V, et al. (2024) Dynamic remodeling of septin structures fine-tunes myogenic differentiation. *iScience*, 27(9), 110630.

Blackburn DM, et al. (2024) The E3 ubiquitin ligase Nedd4L preserves skeletal muscle stem cell quiescence by inhibiting their activation. *iScience*, 27(7), 110241.

Guardiola O, et al. (2023) CRIPTO-based micro-heterogeneity of mouse muscle satellite cells enables adaptive response to regenerative microenvironment. *Developmental cell*, 58(24), 2896.

Xiao M, et al. (2023) PASK links cellular energy metabolism with a mitotic self-renewal network to establish differentiation competence. *eLife*, 12.

Kim KH, et al. (2023) PRMT5 mediates FoxO1 methylation and subcellular localization to regulate lipophagy in myogenic progenitors. *Cell reports*, 42(11), 113329.

van der Valk WH, et al. (2023) A single-cell level comparison of human inner ear organoids with the human cochlea and vestibular organs. *Cell reports*, 42(6), 112623.

Oprescu SN, et al. (2023) Sox11 is enriched in myogenic progenitors but dispensable for development and regeneration of the skeletal muscle. *Skeletal muscle*, 13(1), 15.

Thulabandu V, et al. (2022) EZH2 modulates retinoic acid signaling to ensure myotube formation during development. *FEBS letters*, 596(13), 1672.

Sun C, et al. (2022) Human pluripotent stem cell-derived myogenic progenitors undergo maturation to quiescent satellite cells upon engraftment. *Cell stem cell*, 29(4), 610.

Grimaldi A, et al. (2022) Identification of bipotent progenitors that give rise to myogenic and connective tissues in mouse. *eLife*, 11.

Yue F, et al. (2022) Lipid droplet dynamics regulate adult muscle stem cell fate. *Cell reports*, 38(3), 110267.

Hillege MMG, et al. (2022) Lack of Tgfbr1 and Acvr1b synergistically stimulates myofibre hypertrophy and accelerates muscle regeneration. *eLife*, 11.

Gualtieri A, et al. (2022) The RNA helicase DDX5 cooperates with EHMT2 to sustain alveolar rhabdomyosarcoma growth. *Cell reports*, 40(9), 111267.