Resource Summary Report

Generated by RRID on Sep 3, 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 .

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

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.

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.

Sviercovich 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.

Yuan W, et al. (2022) Intracellular TMEM16A is necessary for myogenesis of skeletal muscle. iScience, 25(11), 105446.