Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 13, 2025

Myogenin

RRID:AB_396383
Type: Antibody

Proper Citation

(BD Biosciences Cat# 556358, RRID:AB_396383)

Antibody Information

URL: http://antibodyregistry.org/AB_396383

Proper Citation: (BD Biosciences Cat# 556358, RRID:AB_396383)

Target Antigen: Myogenin

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry, Immunohistochemistry-frozen, Immunohistochemistry-zinc-fixed
Consolidation on 6/2023: AB_39638

Antibody Name: Myogenin

Description: This monoclonal targets Myogenin

Target Organism: feline, rat, mouse, cat, human

Antibody ID: AB_396383

Vendor: BD Biosciences

Catalog Number: 556358

Record Creation Time: 20241016T233118+0000

Record Last Update: 20241017T004949+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 15 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhang L, et al. (2024) Regulation of muscle hypertrophy through granulin: Relayed communication among mesenchymal progenitors, macrophages, and satellite cells. Cell reports, 43(4), 114052.

Elizalde G, et al. (2023) Protocol for the isolation of mouse muscle stem cells using fluorescence-activated cell sorting. STAR protocols, 4(4), 102656.

Barutcu AR, et al. (2022) Prolonged FOS activity disrupts a global myogenic transcriptional program by altering 3D chromatin architecture in primary muscle progenitor cells. Skeletal muscle, 12(1), 20.

Kaneshige A, et al. (2022) Relayed signaling between mesenchymal progenitors and muscle stem cells ensures adaptive stem cell response to increased mechanical load. Cell stem cell, 29(2), 265.

Dong A, et al. (2022) Global chromatin accessibility profiling analysis reveals a chronic activation state in aged muscle stem cells. iScience, 25(9), 104954.

Porpiglia E, et al. (2022) Elevated CD47 is a hallmark of dysfunctional aged muscle stem cells that can be targeted to augment regeneration. Cell stem cell, 29(12), 1653.

Boscolo Sesillo F, et al. (2020) Isolation of muscle stem cells from rat skeletal muscles. Stem cell research, 43, 101684.

Welc SS, et al. (2020) Modulation of Klotho expression in injured muscle perturbs Wnt signalling and influences the rate of muscle growth. Experimental physiology, 105(1), 132.

Yucel N, et al. (2019) Glucose Metabolism Drives Histone Acetylation Landscape Transitions that Dictate Muscle Stem Cell Function. Cell reports, 27(13), 3939.

Boscolo Sesillo F, et al. (2019) Muscle Stem Cells Give Rise to Rhabdomyosarcomas in a

Severe Mouse Model of Duchenne Muscular Dystrophy. Cell reports, 26(3), 689.

Liu L, et al. (2018) Impaired Notch Signaling Leads to a Decrease in p53 Activity and Mitotic Catastrophe in Aged Muscle Stem Cells. Cell stem cell, 23(4), 544.

Preussner J, et al. (2018) Oncogenic Amplification of Zygotic Dux Factors in Regenerating p53-Deficient Muscle Stem Cells Defines a Molecular Cancer Subtype. Cell stem cell, 23(6), 794.

Sadahiro T, et al. (2018) Tbx6 Induces Nascent Mesoderm from Pluripotent Stem Cells and Temporally Controls Cardiac versus Somite Lineage Diversification. Cell stem cell, 23(3), 382.

Xiong G, et al. (2017) The PERK arm of the unfolded protein response regulates satellite cell-mediated skeletal muscle regeneration. eLife, 6.

Carrió E, et al. (2016) Muscle cell identity requires Pax7-mediated lineage-specific DNA demethylation. BMC biology, 14, 30.