

Resource Summary Report

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Mouse Anti-MyoD Monoclonal Antibody, Unconjugated, Clone MoAb 5.8A

RRID:AB_395255

Type: Antibody

Proper Citation

(BD Biosciences Cat# 554130, RRID:AB_395255)

Antibody Information

URL: http://antibodyregistry.org/AB_395255

Proper Citation: (BD Biosciences Cat# 554130, RRID:AB_395255)

Target Antigen: MyoD

Host Organism: mouse

Clonality: monoclonal

Comments: ELISA, Fluorescence microscopy, Immunohistochemistry-frozen, Immunoprecipitation

Antibody Name: Mouse Anti-MyoD Monoclonal Antibody, Unconjugated, Clone MoAb 5.8A

Description: This monoclonal targets MyoD

Target Organism: chicken, chickenavian, rat, mouse, human

Clone ID: MoAb 5.8A

Antibody ID: AB_395255

Vendor: BD Biosciences

Catalog Number: 554130

Record Creation Time: 20231110T044629+0000

Record Last Update: 20241115T111535+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-MyoD Monoclonal Antibody, Unconjugated, Clone MoAb 5.8A.

No alerts have been found for Mouse Anti-MyoD Monoclonal Antibody, Unconjugated, Clone MoAb 5.8A.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Xie N, et al. (2024) In vivo PSC differentiation as a platform to identify factors for improving the engraftability of cultured muscle stem cells. *Frontiers in cell and developmental biology*, 12, 1362671.

Ochi E, et al. (2023) Klotho regulates the myogenic response of muscle to mechanical loading and exercise. *Experimental physiology*, 108(12), 1531.

Wang R, et al. (2023) A human skeletal muscle stem/myotube model reveals multiple signaling targets of cancer secretome in skeletal muscle. *iScience*, 26(4), 106541.

McKee CM, et al. (2022) The anti-aging protein Klotho affects early postnatal myogenesis by downregulating Jmjd3 and the canonical Wnt pathway. *FASEB journal : official publication of the Federation of American Societies for Experimental Biology*, 36(3), e22192.

Pappas MP, et al. (2022) Defining the Skeletal Myogenic Lineage in Human Pluripotent Stem Cell-Derived Teratomas. *Cells*, 11(9).

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.

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

Kann AP, et al. (2022) An injury-responsive Rac-to-Rho GTPase switch drives activation of muscle stem cells through rapid cytoskeletal remodeling. *Cell stem cell*, 29(6), 933.

Faustino Martins JM, et al. (2020) Self-Organizing 3D Human Trunk Neuromuscular Organoids. *Cell stem cell*, 26(2), 172.

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.

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

Evano B, et al. (2020) Dynamics of Asymmetric and Symmetric Divisions of Muscle Stem Cells In Vivo and on Artificial Niches. *Cell reports*, 30(10), 3195.

Fukuda S, et al. (2019) Sustained expression of HeyL is critical for the proliferation of muscle stem cells in overloaded muscle. *eLife*, 8.

Comai G, et al. (2019) A distinct cardiopharyngeal mesoderm genetic hierarchy establishes antero-posterior patterning of esophagus striated muscle. *eLife*, 8.

Dall'Agnese A, et al. (2019) Transcription Factor-Directed Re-wiring of Chromatin Architecture for Somatic Cell Nuclear Reprogramming toward trans-Differentiation. *Molecular cell*, 76(3), 453.

Roman W, et al. (2018) Local Arrangement of Fibronectin by Myofibroblasts Governs Peripheral Nuclear Positioning in Muscle Cells. *Developmental cell*, 46(1), 102.

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.

Judson RN, et al. (2018) Inhibition of Methyltransferase Setd7 Allows the In Vitro Expansion of Myogenic Stem Cells with Improved Therapeutic Potential. *Cell stem cell*, 22(2), 177.

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.

Ipulan LA, et al. (2014) Nonmyocytic androgen receptor regulates the sexually dimorphic development of the embryonic bulbocavernosus muscle. *Endocrinology*, 155(7), 2467.