

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Apr 25, 2025

MyoD (5.8A)

RRID:AB_627978

Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-32758, RRID:AB_627978)

Antibody Information

URL: http://antibodyregistry.org/AB_627978

Proper Citation: (Santa Cruz Biotechnology Cat# sc-32758, RRID:AB_627978)

Target Antigen: MyoD (5.8A)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: Immunofluorescence; WB, IP, IF, IHC(P); Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry

Antibody Name: MyoD (5.8A)

Description: This monoclonal targets MyoD (5.8A)

Target Organism: Human, Rat, Mouse

Antibody ID: AB_627978

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-32758

Record Creation Time: 20231110T080405+0000

Record Last Update: 20241115T043209+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: unknown is available under ENCODE ID: ENCAB000AIV - ENCODE <https://www.encodeproject.org/antibodies/ENCAB000AIV>

No alerts have been found for MyoD (5.8A).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Feng X, et al. (2023) Polycomb Ezh1 maintains murine muscle stem cell quiescence through non-canonical regulation of Notch signaling. *Developmental cell*, 58(12), 1052.

Zhang Y, et al. (2022) Applying exercise-mimetic engineered skeletal muscle model to interrogate the adaptive response of irisin to mechanical force. *iScience*, 25(4), 104135.

Baker N, et al. (2022) The mitochondrial protein OPA1 regulates the quiescent state of adult muscle stem cells. *Cell stem cell*, 29(9), 1315.

Przanowska RK, et al. (2022) Distinct MUNC lncRNA structural domains regulate transcription of different promyogenic factors. *Cell reports*, 38(7), 110361.

Da Silva F, et al. (2021) Retinoic acid signaling is directly activated in cardiomyocytes and protects mouse hearts from apoptosis after myocardial infarction. *eLife*, 10.

Feng X, et al. (2019) Dual function of VGLL4 in muscle regeneration. *The EMBO journal*, 38(17), e101051.

Hayes CS, et al. (2019) Ttc39c is upregulated during skeletal muscle atrophy and modulates ERK1/2 MAP kinase and hedgehog signaling. *Journal of cellular physiology*, 234(12), 23807.

Southard S, et al. (2016) Myofiber-specific TEAD1 overexpression drives satellite cell hyperplasia and counters pathological effects of dystrophin deficiency. *eLife*, 5.