Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 14, 2025

Myosin all isoforms antibody - Blau, H.M.; Baxter Lab for Stem Cell Biology, Stanford University

RRID:AB_528356
Type: Antibody

Proper Citation

(DSHB Cat# A4.1025, RRID:AB_528356)

Antibody Information

URL: http://antibodyregistry.org/AB_528356

Proper Citation: (DSHB Cat# A4.1025, RRID:AB_528356)

Target Antigen: Myosin all isoforms

Host Organism: mouse

Clonality: monoclonal

Comments: Application(s): Immunofluorescence,Immunohistochemistry,Western Blot; Date Deposited: 08/25/1993

Antibody Name: Myosin all isoforms antibody - Blau, H.M.; Baxter Lab for Stem Cell Biology, Stanford University

Description: This monoclonal targets Myosin all isoforms

Target Organism: Human, Zebrafish, Fish, Rodent, Amphibian

Defining Citation:

PMID:25371368, PMID:24634509, PMID:24587351, PMID:25301895, PMID:21298471, PMID:22519643, PMID:25275480, PMID:18789916, PMID:20022958, PMID:20135684, PMID:7531198, PMID:21741963, PMID:21150926, PMID:21396708, PMID:21618536, PMID:24927567, PMID:25403490, PMID:9707248, PMID:18182494, PMID:21990962, PMID:23444339, PMID:24844180, PMID:21732479, PMID:22706277, PMID:3342447, PMID:21297165, PMID:10499066, PMID:22061041, PMID:19240126, PMID:10523415, PMID:22499099, PMID:24123994, PMID:24047955, PMID:25273835, PMID:10961835, PMID:24697670, PMID:20637071, PMID:7687223, PMID:24046483, PMID:24966393, PMID:24133258, PMID:19517013, PMID:24563732, PMID:20440001, PMID:8491773, PMID:24803652, PMID:10887161, PMID:19193870, PMID:22200963

Antibody ID: AB_528356

Vendor: DSHB

Catalog Number: A4.1025

Record Creation Time: 20231110T044219+0000

Record Last Update: 20241115T080737+0000

Ratings and Alerts

No rating or validation information has been found for Myosin all isoforms antibody - Blau, H.M.; Baxter Lab for Stem Cell Biology, Stanford University.

No alerts have been found for Myosin all isoforms antibody - Blau, H.M.; Baxter Lab for Stem Cell Biology, Stanford University.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 65 mentions in open access literature.

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

Schmidt L, et al. (2024) Spatial proteomics of skeletal muscle using thin cryosections reveals metabolic adaptation at the muscle-tendon transition zone. Cell reports, 43(7), 114374.

Karlsen A, et al. (2022) The proteomic profile of the human myotendinous junction. iScience, 25(2), 103836.

Carretero-Rodriguez L, et al. (2021) The Rac-GAP alpha2-Chimaerin Signals via CRMP2 and Stathmins in the Development of the Ocular Motor System. The Journal of neuroscience

: the official journal of the Society for Neuroscience, 41(31), 6652.

Gui M, et al. (2021) De novo identification of mammalian ciliary motility proteins using cryo-EM. Cell, 184(23), 5791.

Ban J, et al. (2021) Vector-mediated expression of muscle specific kinase restores specific force to muscles in the mdx mouse model of Duchenne muscular dystrophy. Experimental physiology, 106(8), 1794.

López-Unzu MA, et al. (2020) Myosin heavy chain isoforms in the myocardium of the atrioventricular junction of Scyliorhinus canicula (Chondrichthyes, Carcharhiniformes). Journal of fish biology, 97(3), 734.

Post Y, et al. (2020) Snake Venom Gland Organoids. Cell, 180(2), 233.

Knüfer A, et al. (2020) Cadherins regulate nuclear topography and function of developing ocular motor circuitry. eLife, 9.

López-Unzu MA, et al. (2020) Development of the ventricular myocardial trabeculae in Scyliorhinus canicula (Chondrichthyes): evolutionary implications. Scientific reports, 10(1), 14434.

Niu X, et al. (2020) Tendon Cell Regeneration Is Mediated by Attachment Site-Resident Progenitors and BMP Signaling. Current biology : CB, 30(17), 3277.

López-Unzu MA, et al. (2019) Differential expression of myosin heavy chain isoforms in cardiac segments of gnathostome vertebrates and its evolutionary implications. Frontiers in zoology, 16, 18.

Ciano M, et al. (2019) EGF receptor (EGFR) inhibition promotes a slow-twitch oxidative, over a fast-twitch, muscle phenotype. Scientific reports, 9(1), 9218.

Subramanian A, et al. (2018) Mechanical force regulates tendon extracellular matrix organization and tenocyte morphogenesis through TGFbeta signaling. eLife, 7.

Abernathy DG, et al. (2017) MicroRNAs Induce a Permissive Chromatin Environment that Enables Neuronal Subtype-Specific Reprogramming of Adult Human Fibroblasts. Cell stem cell, 21(3), 332.

Bonnet A, et al. (2017) Quaking RNA-Binding Proteins Control Early Myofibril Formation by Modulating Tropomyosin. Developmental cell, 42(5), 527.

Roy SD, et al. (2017) Myotome adaptability confers developmental robustness to somitic myogenesis in response to fibre number alteration. Developmental biology, 431(2), 321.

Mueller AC, et al. (2015) MUNC, a long noncoding RNA that facilitates the function of MyoD in skeletal myogenesis. Molecular and cellular biology, 35(3), 498.

McAleer CW, et al. (2014) Mechanistic investigation of adult myotube response to exercise

and drug treatment in vitro using a multiplexed functional assay system. Journal of applied physiology (Bethesda, Md. : 1985), 117(11), 1398.

Liang S, et al. (2014) Pulmonary endoderm, second heart field and the morphogenesis of distal outflow tract in mouse embryonic heart. Development, growth & differentiation, 56(4), 276.

Bareja A, et al. (2014) Human and mouse skeletal muscle stem cells: convergent and divergent mechanisms of myogenesis. PloS one, 9(2), e90398.