Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 1, 2025

Actin-Smooth Muscle

RRID:AB_262054
Type: Antibody

Proper Citation

(Spring Bioscience Cat# E14344, RRID:AB_262054)

Antibody Information

URL: http://antibodyregistry.org/AB_262054

Proper Citation: (Spring Bioscience Cat# E14344, RRID:AB_262054)

Target Antigen: Actin-Smooth Muscle

Host Organism: mouse

Clonality: monoclonal

Comments: This product is offered by the following vendors: Abcam cat# ab-7817, AbD Serotec cat# MCA5781GA, Cell Marque Corporation cat# 202M, Dako cat# M0851, eBioscience cat# 14–9760, EMD Millipore cat# 113200, Genemed Biotechnologies cat# 61–0001, Nordic-MUbio cat# MUB0107S, R&D Systems cat# MAB1420, Santa Cruz Biotechnology cat# sc-32251, Sigma-Aldrich cat# A5228, Spring Bioscience cat# E14344, Zeta Corporation cat# Z2066. According to antibody originating lab originating PMID:3539945.
manufacturer recommendations: Immunohistochemistry; Immunohistochemistry-P
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Actin-Smooth Muscle

Description: This monoclonal targets Actin-Smooth Muscle

Target Organism: human

Clone ID: Clone 1A4

Antibody ID: AB_262054

Vendor: Spring Bioscience

Catalog Number: E14344

Record Creation Time: 20241017T001620+0000

Record Last Update: 20241017T015634+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Actin-Smooth Muscle.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 415 mentions in open access literature.

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

Cates K, et al. (2025) Fate erasure logic of gene networks underlying direct neuronal conversion of somatic cells by microRNAs. Cell reports, 44(1), 115153.

Liu Q, et al. (2025) A matrix metalloproteinase-responsive hydrogel system controls angiogenic peptide release for repair of cerebral ischemia/reperfusion injury. Neural regeneration research, 20(2), 503.

Mori M, et al. (2024) Generation of human induced pluripotent stem cell lines derived from four Rett syndrome patients with MECP2 mutations. Stem cell research, 77, 103432.

Milara J, et al. (2024) Phosphodiesterase 4 is overexpressed in keloid epidermal scars and its inhibition reduces keratinocyte fibrotic alterations. Molecular medicine (Cambridge, Mass.), 30(1), 134.

Rodrigues-Diez R, et al. (2024) Resolvin D2 prevents vascular remodeling, hypercontractility

and endothelial dysfunction in obese hypertensive mice through modulation of vascular and proinflammatory factors. Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie, 174, 116564.

Lee DY, et al. (2024) Dual effects of TGF-? inhibitor in ALS - inhibit contracture and neurodegeneration. Journal of neurochemistry.

Li Y, et al. (2024) Tumor cells impair immunological synapse formation via central nervous system-enriched metabolite. Cancer cell, 42(6), 985.

Sbrana F, et al. (2024) Label-free three-dimensional imaging and quantitative analysis of living fibroblasts and myofibroblasts by holotomographic microscopy. Microscopy research and technique, 87(11), 2757.

Liu J, et al. (2024) Integrin ?M promotes macrophage alternative M2 polarization in hyperuricemia-related chronic kidney disease. MedComm, 5(7), e580.

Gao Y, et al. (2024) Efficient generation of induced pluripotent stem cell lines from healthy donors' peripheral blood mononuclear cells of different genders. Stem cell research, 77, 103421.

Paramore SV, et al. (2024) Vangl-dependent mesenchymal thinning shapes the distal lung during murine sacculation. Developmental cell, 59(10), 1302.

Strobl K, et al. (2024) JAK-STAT1 as therapeutic target for EGFR deficiency-associated inflammation and scarring alopecia. EMBO molecular medicine, 16(12), 3142.

Hua C, et al. (2024) Generation of a human induced pluripotent stem cell line ZZUNEUi030-A from a female patient carrying a heterozygous CALM2 (c.395 A > T) mutation. Stem cell research, 81, 103515.

Ge N, et al. (2024) Generation of human induced pluripotent stem cell lines derived from patients of cystic biliary atresia. Human cell, 38(1), 18.

Rachedi NS, et al. (2024) Dietary intake and glutamine-serine metabolism control pathologic vascular stiffness. Cell metabolism, 36(6), 1335.

Wu HF, et al. (2024) Parasympathetic neurons derived from human pluripotent stem cells model human diseases and development. Cell stem cell, 31(5), 734.

Choudhury D, et al. (2024) Proline restores mitochondrial function and reverses aging hallmarks in senescent cells. Cell reports, 43(2), 113738.

Ropret S, et al. (2024) Induced pluripotent stem cell (iPSC) line MLi005-A derived from a patient with dominant dystrophic epidermolysis bullosa (DDEB). Stem cell research, 75, 103306.

Yu H, et al. (2024) Myometrium infection decreases TREK1 through NHE1 and increases contraction in pregnant mice. American journal of physiology. Cell physiology, 326(4),

C1106.

Takagi D, et al. (2024) Generation of MBP-tdTomato reporter human induced pluripotent stem cell line for live myelin visualization. Stem cell research, 79, 103493.