Resource Summary Report

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

alpha smooth muscle Actin antibody [E184]

RRID:AB_722538
Type: Antibody

Proper Citation

(Abcam Cat# ab32575, RRID:AB_722538)

Antibody Information

URL: http://antibodyregistry.org/AB_722538

Proper Citation: (Abcam Cat# ab32575, RRID:AB_722538)

Target Antigen: alpha smooth muscle Actin antibody [E184]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Flow Cyt, IHC-Fr, IHC-P, IP, WB; Flow Cytometry; Immunohistochemistry; Western Blot; Immunohistochemistry - frozen; Immunohistochemistry - fixed; Immunoprecipitation
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: alpha smooth muscle Actin antibody [E184]

Description: This monoclonal targets alpha smooth muscle Actin antibody [E184]

Target Organism: Human, Mouse

Antibody ID: AB_722538

Vendor: Abcam

Catalog Number: ab32575

Record Creation Time: 20231110T080117+0000

Record Last Update: 20241115T040216+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 alpha smooth muscle Actin antibody [E184].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 53 mentions in open access literature.

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

Wang L, et al. (2024) Engineering an energy-dissipating hybrid tissue in vivo for obesity treatment. Cell reports, 43(7), 114425.

Liang Z, et al. (2024) Intestinal CXCR6+ ILC3s migrate to the kidney and exacerbate renal fibrosis via IL-23 receptor signaling enhanced by PD-1 expression. Immunity, 57(6), 1306.

Sun X, et al. (2024) Introduction of an RS1 mutation causative variant consistent with identified XLRS patient using CRISPR/Cas9 technology in normal iPSC. Stem cell research, 81, 103549.

Onuma K, et al. (2024) Bardoxolone methyl prevents metabolic dysfunction-associated steatohepatitis by inhibiting macrophage infiltration. British journal of pharmacology, 181(15), 2545.

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

Wang J, et al. (2023) Genetic lineage tracing reveals stellate cells as contributors to myofibroblasts in pancreas and islet fibrosis. iScience, 26(6), 106988.

Lu P, et al. (2023) Prerequisite endocardial-mesenchymal transition for murine cardiac

trabecular angiogenesis. Developmental cell, 58(9), 791.

Li C, et al. (2023) Establishing a human embryonic stem cell line (SKLRMe005-A) from a blastocyst with congenital heart disease (CHD). Stem cell research, 68, 103049.

Blain R, et al. (2023) A tridimensional atlas of the developing human head. Cell, 186(26), 5910.

Chen X, et al. (2023) Single-cell and bulk tissue sequencing unravels the heterogeneity of synovial microenvironment in arthrofibrosis. iScience, 26(9), 107379.

Nayak R, et al. (2022) Generation and characterization of iPSC lines (UOHi003-A, UOHi002-A) from a patient with SHANK3 mutation and her healthy mother. Stem cell research, 64, 102899.

Yinghong Y, et al. (2022) Generation of two induced pluripotent stem cell lines, GZHMCi009-A and GZHMCi010-A, derived from peripheral blood mononuclear cells of two SCA3 patients with 14/74 CAG repeats of the ATXN3 mutation. Stem cell research, 61, 102782.

Ding C, et al. (2022) Establishment of a human induced pluripotent stem cell line (CSUASOi010-A) by reprogramming peripheral blood mononuclear cells of a type 2 diabetic mellitus patient. Stem cell research, 63, 102851.

Liang Y, et al. (2022) Generation of a gene-corrected human iPSC line (CSUASOi004-A-1) from a retinitis pigmentosa patient with heterozygous c.2699 G>A mutation in the PRPF6 gene. Stem cell research, 64, 102911.

Gage BK, et al. (2022) Therapeutic correction of hemophilia A by transplantation of hPSC-derived liver sinusoidal endothelial cell progenitors. Cell reports, 39(1), 110621.

Foster DS, et al. (2022) Multiomic analysis reveals conservation of cancer-associated fibroblast phenotypes across species and tissue of origin. Cancer cell, 40(11), 1392.

Zhang D, et al. (2022) Yap-Myc signaling induces pancreatic stellate cell activation through regulating glutaminolysis. Experimental cell research, 411(1), 113000.

Zhang W, et al. (2022) Nicotinamide N-methyltransferase ameliorates renal fibrosis by its metabolite 1-methylnicotinamide inhibiting the TGF-?1/Smad3 pathway. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 36(3), e22084.

Hogan TB, et al. (2022) Caveolin-1 peptide regulates p53-microRNA-34a feedback in fibrotic lung fibroblasts. iScience, 25(4), 104022.

Remsing Rix LL, et al. (2022) IGF-binding proteins secreted by cancer-associated fibroblasts induce context-dependent drug sensitization of lung cancer cells. Science signaling, 15(747), eabj5879.