Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 9, 2025

Monoclonal Anti-Actin, alpha-Smooth Muscle - Cy3(TM) antibody produced in mouse

RRID:AB_476856
Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# C6198, RRID:AB_476856)

Antibody Information

URL: http://antibodyregistry.org/AB_476856

Proper Citation: (Sigma-Aldrich Cat# C6198, RRID:AB_476856)

Target Antigen: Actin alpha-Smooth Muscle - Cy3(TM) antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: immunohistochemistry (frozen sections)
Consolidation on 6/2023: AB_416856

Antibody Name: Monoclonal Anti-Actin, alpha-Smooth Muscle - Cy3(TM) antibody produced in mouse

Description: This monoclonal targets Actin alpha-Smooth Muscle - Cy3(TM) antibody produced in mouse

Target Organism: chicken, rat, xenopusamphibian, snake, canine, goat, reptile, mouse, chickenbird, frog, rabbit, bovine, human, sheep

Antibody ID: AB_476856

Vendor: Sigma-Aldrich

Catalog Number: C6198

Record Creation Time: 20241016T235013+0000

Record Last Update: 20241017T011901+0000

Ratings and Alerts

- Worked; Conjugated worked better than unconjugated in CLARITY protocol performed on human pancreas. - Butterworth et al, 2018 https://dx.doi.org/10.3791/56859

No alerts have been found for Monoclonal Anti-Actin, alpha-Smooth Muscle - Cy3(TM) antibody produced in mouse.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 124 mentions in open access literature.

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

Lee PC, et al. (2024) Instrumental variable and colocalization analyses identify endotrophin and HTRA1 as potential therapeutic targets for coronary artery disease. iScience, 27(7), 110104.

Kumar S, et al. (2024) Development of pial collaterals by extension of pre-existing artery tips. Cell reports, 43(10), 114771.

Carlantoni C, et al. (2024) The phosphodiesterase 2A controls lymphatic junctional maturation via cGMP-dependent notch signaling. Developmental cell, 59(3), 308.

Sanketi BD, et al. (2024) Villus myofibroblasts are developmental and adult progenitors of mammalian gut lymphatic musculature. Developmental cell, 59(9), 1159.

Chen J, et al. (2024) Deficiency of lncRNA MERRICAL abrogates macrophage chemotaxis and diabetes-associated atherosclerosis. Cell reports, 43(3), 113815.

Kang M, et al. (2024) Oligodendrocyte-derived laminin-?1 regulates the blood-brain barrier and CNS myelination in mice. Cell reports, 43(5), 114123.

Saito J, et al. (2024) Presenilin-1 in smooth muscle cells facilitates hypermuscularization in elastin aortopathy. iScience, 27(1), 108636.

Onder L, et al. (2024) Fibroblastic reticular cells generate protective intratumoral T cell environments in lung cancer. Cell.

Vázquez-Liébanas E, et al. (2024) Mosaic deletion of claudin-5 reveals rapid non-cell-autonomous consequences of blood-brain barrier leakage. Cell reports, 43(3), 113911.

Mohr ME, et al. (2024) Cardiomyocyte-fibroblast interaction regulates ferroptosis and fibrosis after myocardial injury. iScience, 27(3), 109219.

Zhao R, et al. (2024) Sustained amphiregulin expression in intermediate alveolar stem cells drives progressive fibrosis. Cell stem cell, 31(9), 1344.

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.

Shang L, et al. (2024) Mitochondrial DNA-boosted dendritic cell-based nanovaccination triggers antitumor immunity in lung and pancreatic cancers. Cell reports. Medicine, 5(7), 101648.

Lei PJ, et al. (2024) Aging-induced changes in lymphatic muscle cell transcriptomes are associated with reduced pumping of peripheral collecting lymphatic vessels in mice. Developmental cell.

Biswas L, et al. (2023) Lymphatic vessels in bone support regeneration after injury. Cell, 186(2), 382.

Sun Z, et al. (2023) ?1 integrin signaling governs necroptosis via the chromatin-remodeling factor CHD4. Cell reports, 42(11), 113322.

Bhattacharya P, et al. (2023) Efferocytes release extracellular vesicles to resolve inflammation and tissue injury via prosaposin-GPR37 signaling. Cell reports, 42(7), 112808.

Travisano SI, et al. (2023) Single-nuclei multiomic analyses identify human cardiac lymphatic endothelial cells associated with coronary arteries in the epicardium. Cell reports, 42(9), 113106.

Lugano R, et al. (2023) CD93 maintains endothelial barrier function by limiting the phosphorylation and turnover of VE-cadherin. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 37(4), e22894.

Matrongolo MJ, et al. (2023) Piezo1 agonist restores meningeal lymphatic vessels, drainage, and brain-CSF perfusion in craniosynostosis and aged mice. The Journal of clinical investigation, 134(4).