Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

Monoclonal Mouse Anti Human Smooth Muscle Actin

RRID:AB_2223500
Type: Antibody

Proper Citation

(Agilent Cat# M0851, RRID:AB_2223500)

Antibody Information

URL: http://antibodyregistry.org/AB_2223500

Proper Citation: (Agilent Cat# M0851, RRID:AB_2223500)

Target Antigen: Smooth Muscle Actin

Clonality: monoclonal

Comments: Rated by ISCC, Intestinal Stem Cell Consortium (check ratings https://iscc.coh.org/), the consortium also lists this antibody catalog number as IR611, but this is not verified at the vendor. Used By NYUIHC-1121. Original Manufacturer: Dako. Now part of Agilent.
Info: Used by Czech Centre for Phenogenomics
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Monoclonal Mouse Anti Human Smooth Muscle Actin

Description: This monoclonal targets Smooth Muscle Actin

Target Organism: human

Clone ID: 1A4

Antibody ID: AB_2223500

Vendor: Agilent

Catalog Number: M0851

Record Creation Time: 20231110T041903+0000

Record Last Update: 20241115T031213+0000

Ratings and Alerts

- Rated by ISCC, Intestinal Stem Cell Consortium - ISCC
  https://iscconsortium.org/resourcecatalog/

No alerts have been found for Monoclonal Mouse Anti Human Smooth Muscle Actin.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 167 mentions in open access literature.

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

Chechekhin VI, et al. (2024) Peripheral 5-HT/HTR6 axis is responsible for obesity-associated hypertension. Biochimica et biophysica acta. Molecular cell research, 1871(2), 119651.

Savage TM, et al. (2024) Amphiregulin from regulatory T cells promotes liver fibrosis and insulin resistance in non-alcoholic steatohepatitis. Immunity, 57(2), 303.

Pavlova SV, et al. (2024) Studying Pathogenetic Contribution of a Variant of Unknown Significance, p.M659I (c.1977G > A) in MYH7, to the Development of Hypertrophic Cardiomyopathy Using CRISPR/Cas9-Engineered Isogenic Induced Pluripotent Stem Cells. International journal of molecular sciences, 25(16).

Korneck M, et al. (2024) Generation of homozygous and heterozygous REEP1 knockout induced pluripotent stem cell lines by CRISPR/Cas9 gene editing. Stem cell research, 77, 103378.

Pachernegg S, et al. (2024) Generation of a homozygous (MCRIi031-A-3) WT1 knockout human iPSC line. Stem cell research, 79, 103494.

Lee SR, et al. (2024) Nox4-SH3YL1 complex is involved in diabetic nephropathy. iScience, 27(2), 108868.

Yarkova ES, et al. (2024) Detection of ER Stress in iPSC-Derived Neurons Carrying the p.N370S Mutation in the GBA1 Gene. Biomedicines, 12(4).

Pugsley K, et al. (2023) Generation of induced pluripotent stem cell lines from three individuals with autism spectrum disorder. Stem cell research, 71, 103170.

Hirata M, et al. (2023) Galactosidase-catalyzed fluorescence amplification method (GAFAM): sensitive fluorescent immunohistochemistry using novel fluorogenic ?-galactosidase substrates and its application in multiplex immunostaining. Histochemistry and cell biology, 159(3), 233.

Martinez-Ordoñez A, et al. (2023) Hyaluronan driven by epithelial aPKC deficiency remodels the microenvironment and creates a vulnerability in mesenchymal colorectal cancer. Cancer cell, 41(2), 252.

Ben Yacoub T, et al. (2023) Generation of gene corrected human isogenic iPSC lines (IDVi003-A_CR13, IDVi003-A_CR21, IDVi003-A_CR24) from an inherited retinal dystrophy patient-derived IPSC line ITM2B-5286-3 (IDVi003-A) carrying the ITM2B c.782A > C variant using CRISPR/Cas9. Stem cell research, 71, 103166.

Kurra V, et al. (2023) Moderate hyperuricaemia ameliorated kidney damage in a low-renin model of experimental renal insufficiency. Basic & clinical pharmacology & toxicology, 132(1), 21.

Grigor'eva EV, et al. (2023) Generation of three induced pluripotent stem cell lines (RAUi001-A, RAUi001-B and RAUi001-C) from peripheral blood mononuclear cells of a healthy Armenian individual. Stem cell research, 71, 103147.

Davies KC, et al. (2023) Generation and heterozygous repair of human iPSC lines from three individuals with cerebellar ataxia, neuropathy and vestibular areflexia syndrome (CANVAS) carrying biallelic AAGGG expansions in RFC1. Stem cell research, 68, 103047.

Haag C, et al. (2023) Generation of an induced pluripotent stem cell (iPSC) line from a patient with GEFS+ carrying a STX1B (p.Lys45delinsArgMetCysIleGlu and p.Leu46Met) mutation. Stem cell research, 67, 103028.

Zhang M, et al. (2023) Human induced pluripotent stem cell (iPSC) line (HEBHMUi014-A) derived from a patient with Alzheimer's disease. Stem cell research, 69, 103116.

Vlahos K, et al. (2023) Generation of iPSC lines from peripheral blood mononuclear cells from five healthy donors. Stem cell research, 69, 103109.

Huang Q, et al. (2023) CD44+ lung cancer stem cell-derived pericyte-like cells cause brain metastases through GPR124-enhanced trans-endothelial migration. Cancer cell, 41(9), 1621.

Fernández Moro C, et al. (2023) An idiosyncratic zonated stroma encapsulates desmoplastic liver metastases and originates from injured liver. Nature communications, 14(1), 5024.

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.