# Resource Summary Report

Generated by dkNET on Aug 31, 2026

# Monoclonal Mouse Anti- Actin (Sarcomeric) Clone Alpha-Sr-1

RRID:AB_476695
Type: Antibody

## Proper Citation

Agilent Cat# M0874, RRID:AB_476695

## Antibody Information

**URL:** http://antibodyregistry.org/AB_476695

**Proper Citation:** Agilent Cat# M0874, RRID:AB_476695

**Target Antigen:** ACTA1

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** This product is offered by the following vendors: Dako M0874, Santa Cruz Biotechnology sc-58670, Sigma-Aldrich A 2172, Spring Bioscience E16654, According to antibody originating lab originating PMID: 3539945, Applications: Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot, Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P). Original Manufacturer: Dako. Now part of Agilent.
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:** Monoclonal Mouse Anti- Actin (Sarcomeric) Clone Alpha-Sr-1

**Description:** This monoclonal targets ACTA1

**Target Organism:** human

**Antibody ID:** AB_476695

**Vendor:** Agilent

**Catalog Number:** M0874

**Record Creation Time:** 20250820T055006+0000

**Record Last Update:** 20250820T223503+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 Monoclonal Mouse Anti- Actin (Sarcomeric) Clone Alpha-Sr-1.

## Data and Source Information

**Source:** Antibody Registry

## Usage and Citation Metrics

We found 22 mentions in open access literature.

**Listed below are recent publications.** The full list is available at dkNET .


Carreras D, et al. (2026) Generation of three heterozygous and two homozygous hiPSC lines from a CPVT associated mutation RYR2_p.G357S from a large family of the Canary Islands. Stem cell research, 93, 103959.

Isla-Magrané H, et al. (2025) Generation of three human induced pluripotent stem cell lines from retinitis pigmentosa 25 patient and two carriers but asymptomatic daughters. Stem cell research, 82, 103645.

Murakawa T, et al. (2024) AMPK regulates Bcl2-L-13-mediated mitophagy induction for cardioprotection. Cell reports, 43(12), 115001.

Yuan T, et al. (2024) Human SIRT5 variants with reduced stability and activity do not cause neuropathology in mice. iScience, 27(6), 109991.

Li Y, et al. (2023) Effects of maternal hypothyroidism on postnatal cardiomyocyte proliferation and cardiac disease responses of the progeny. American journal of physiology. Heart and circulatory physiology, 325(4), H702.

Li Y, et al. (2023) Combining three independent pathological stressors induces a heart failure with preserved ejection fraction phenotype. American journal of physiology. Heart and circulatory physiology, 324(4), H443.

Yap L, et al. (2023) Pluripotent stem cell-derived committed cardiac progenitors remuscularize damaged ischemic hearts and improve their function in pigs. NPJ Regenerative medicine, 8(1), 26.

Martínez-Moreno R, et al. (2023) Generation of the induced pluripotent stem cell line ESi108-A from a familial atrial fibrillation patient. Stem cell research, 73, 103239.

Martínez-Moreno R, et al. (2022) Generation of an induced pluripotent stem cell line from a healthy Caucasian male. Stem cell research, 60, 102717.

Jeon YK, et al. (2022) Lower troponin expression in the right ventricle of rats explains interventricular differences in E-C coupling. The Journal of general physiology, 154(3).

Narita S, et al. (2022) Direct reprogramming of adult adipose-derived regenerative cells toward cardiomyocytes using six transcriptional factors. iScience, 25(7), 104651.

Martínez-Moreno R, et al. (2022) Generation of four induced pluripotent stem cell lines from a family harboring a single nucleotide variant in SCN5A. Stem cell research, 63, 102847.

Vignier N, et al. (2021) The non-muscle ADF/cofilin-1 controls sarcomeric actin filament integrity and force production in striated muscle laminopathies. Cell reports, 36(8), 109601.

Riechert E, et al. (2021) Identification of dynamic RNA-binding proteins uncovers a Cpeb4-controlled regulatory cascade during pathological cell growth of cardiomyocytes. Cell reports, 35(6), 109100.

Fontana F, et al. (2020) Antagonistic Activities of Vegfr3/Flt4 and Notch1b Fine-tune Mechanosensitive Signaling during Zebrafish Cardiac Valvulogenesis. Cell reports, 32(2), 107883.

Arellano-Viera E, et al. (2019) Generation of two transgene-free human iPSC lines from CD133+ cord blood cells. Stem cell research, 36, 101410.

Fewou SN, et al. (2019) Transgenic overexpression of polysialyltransferase ST8SiaIV under the control of a neuron-specific promoter does not affect brain development but impairs exploratory behavior. Glycobiology, 29(9), 657.

Luo L, et al. (2019) HDAC4 Controls Muscle Homeostasis through Deacetylation of Myosin Heavy Chain, PGC-1?, and Hsc70. Cell reports, 29(3), 749.

Kuebler B, et al. (2017) Generation of integration-free induced pluripotent stem cell lines derived from two patients with X-linked Alport syndrome (XLAS). Stem cell research, 25, 291.

Kuebler B, et al. (2017) Integration-free induced pluripotent stem cells derived from a patient with autosomal recessive Alport syndrome (ARAS). Stem cell research, 25, 1.