

Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

Monoclonal Anti-alpha-Actinin antibody produced in mouse

RRID:AB_476737

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A5044, RRID:AB_476737

Antibody Information

URL: http://antibodyregistry.org/AB_476737

Proper Citation: Sigma-Aldrich Cat# A5044, RRID:AB_476737

Target Antigen: alpha-Actinin antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgM; IgM indirect immunofluorescence: 1:200 using cultured chicken fibroblasts, immunoblotting: suitable, microarray: suitable; Immunofluorescence; Other; Western Blot

Antibody Name: Monoclonal Anti-alpha-Actinin antibody produced in mouse

Description: This monoclonal targets alpha-Actinin antibody produced in mouse

Target Organism: chicken, mouse, bovine, human

Defining Citation: [PMID:20878786](#)

Antibody ID: AB_476737

Vendor: Sigma-Aldrich

Catalog Number: A5044

Record Creation Time: 20231110T080858+0000

Record Last Update: 20260831T182129+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-alpha-Actinin antibody produced in mouse.

No alerts have been found for Monoclonal Anti-alpha-Actinin antibody produced in mouse.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Kunti?? I, et al. (2026) Pharmacological treatment with a GABA(A) receptor modulator and a selective serotonin reuptake inhibitor as a mitigation strategy against aircraft noise-induced cardiovascular and neuronal damage. British journal of pharmacology, 183(13), 3762.

Reyes-Ortiz AM, et al. (2023) Single-nuclei transcriptome analysis of Huntington disease iPSC and mouse astrocytes implicates maturation and functional deficits. iScience, 26(1), 105732.

Donker L, et al. (2022) A mechanical G2 checkpoint controls epithelial cell division through E-cadherin-mediated regulation of Wee1-Cdk1. Cell reports, 41(2), 111475.

Liang F, et al. (2021) SORBS2 is a genetic factor contributing to cardiac malformation of 4q deletion syndrome patients. eLife, 10.

Lee S, et al. (2020) Cofilin is required for polarization of tension in stress fiber networks during migration. Journal of cell science, 133(13).

Juanes MA, et al. (2020) EB1 Directly Regulates APC-Mediated Actin Nucleation. Current biology : CB, 30(23), 4763.

Chronopoulos A, et al. (2020) Syndecan-4 tunes cell mechanics by activating the kindlin-integrin-RhoA pathway. Nature materials, 19(6), 669.

Xia S, et al. (2019) Nanoscale Architecture of the Cortical Actin Cytoskeleton in Embryonic Stem Cells. Cell reports, 28(5), 1251.

Vallejo-Diez S, et al. (2018) Generation of two induced pluripotent stem cells lines from a Mucopolysaccharydosis IIIB (MPSIIIB) patient. Stem cell research, 33, 180.

Fleischer A, et al. (2018) Generation of two induced pluripotent stem cell (iPSC) lines from p.F508del Cystic Fibrosis patients. Stem cell research, 29, 1.

Vallejo S, et al. (2018) Generation of two induced pluripotent stem cells lines from Mucopolysaccharydosis IIIA patient: IMEDEAi004-A and IMEDEAi004-B. Stem cell

research, 32, 110.

Wang Q, et al. (2017) Tumor Evolution of Glioma-Intrinsic Gene Expression Subtypes Associates with Immunological Changes in the Microenvironment. *Cancer cell*, 32(1), 42.

Lammirato A, et al. (2016) TIS7 induces transcriptional cascade of methylosome components required for muscle differentiation. *BMC biology*, 14(1), 95.

Inoue T, et al. (2015) Nectin-1 spots as a novel adhesion apparatus that tethers mitral cell lateral dendrites in a dendritic meshwork structure of the developing mouse olfactory bulb. *The Journal of comparative neurology*, 523(12), 1824.