

Resource Summary Report

Generated by [RRID](#) on Aug 12, 2026

Mouse Anti-Actin, alpha-Smooth Muscle Monoclonal Antibody, Alkaline Phosphatase Conjugated, Clone 1A4

RRID:AB_476746

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# A5691, RRID:AB_476746

Antibody Information

URL: http://antibodyregistry.org/AB_476746

Proper Citation: Sigma-Aldrich Cat# A5691, RRID:AB_476746

Target Antigen: Actin, alpha, Smooth Muscle

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: Immunohistochemistry; Western Blot; Immunohistochemistry (Paraffin sections), Western Blot

Antibody Name: Mouse Anti-Actin, alpha-Smooth Muscle Monoclonal Antibody, Alkaline Phosphatase Conjugated, Clone 1A4

Description: This monoclonal targets Actin, alpha, Smooth Muscle

Target Organism: other, chicken, chickenavian, rat, xenopus, snake, canine, goat, mouse, frog, rabbit, bovine, human, sheep

Clone ID: Clone 1A4

Antibody ID: AB_476746

Vendor: Sigma-Aldrich

Catalog Number: A5691

Record Creation Time: 20250820T053503+0000

Record Last Update: 20250820T215546+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Actin, alpha-Smooth Muscle Monoclonal Antibody, Alkaline Phosphatase Conjugated, Clone 1A4.

No alerts have been found for Mouse Anti-Actin, alpha-Smooth Muscle Monoclonal Antibody, Alkaline Phosphatase Conjugated, Clone 1A4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Thomas JM, et al. (2025) Apolipoprotein C3 Promotes Angiogenesis in an Inflammatory Mouse Model of Peripheral Artery Disease. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(18), e71058.

Schwarz N, et al. (2023) Colchicine exerts anti-atherosclerotic and -plaque-stabilizing effects targeting foam cell formation. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 37(4), e22846.

Almagro J, et al. (2023) Volume imaging to interrogate cancer cell-tumor microenvironment interactions in space and time. Frontiers in immunology, 14, 1176594.

Hertig V, et al. (2023) Nestin identifies a subpopulation of rat ventricular fibroblasts and participates in cell migration. American journal of physiology. Cell physiology, 325(2), C496.

Du J, et al. (2022) A small-molecule cocktail promotes mammalian cardiomyocyte proliferation and heart regeneration. Cell stem cell, 29(4), 545.

Loh Z, et al. (2020) HMGB1 amplifies ILC2-induced type-2 inflammation and airway smooth muscle remodelling. PLoS pathogens, 16(7), e1008651.