

Resource Summary Report

Generated by ASWG on Aug 9, 2026

Monoclonal Anti-Caldesmon (Smooth) antibody produced in mouse

RRID:AB_258866

Type: Antibody

Proper Citation

Sigma-Aldrich Cat# C4562, RRID:AB_258866

Antibody Information

URL: http://antibodyregistry.org/AB_258866

Proper Citation: Sigma-Aldrich Cat# C4562, RRID:AB_258866

Target Antigen: Caldesmon (Smooth) antibody produced in mouse

Host Organism: mouse

Clonality: monoclonal

Comments: Vendor recommendations: IgG1 immunoprecipitation: suitable, immunoblotting: 1:4,000; Immunohistochemistry; Immunoprecipitation; Western Blot

Antibody Name: Monoclonal Anti-Caldesmon (Smooth) antibody produced in mouse

Description: This monoclonal targets Caldesmon (Smooth) antibody produced in mouse

Target Organism: porcine, pig, mouse, rabbit, bovine, human, sheep

Antibody ID: AB_258866

Vendor: Sigma-Aldrich

Catalog Number: C4562

Record Creation Time: 20250820T045830+0000

Record Last Update: 20250820T202657+0000

Ratings and Alerts

No rating or validation information has been found for Monoclonal Anti-Caldesmon (Smooth) antibody produced in mouse.

No alerts have been found for Monoclonal Anti-Caldesmon (Smooth) antibody produced in mouse.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 2 mentions in open access literature.

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

Lien CF, et al. (2023) Peroxisome proliferator-activated receptor ?? improves the features of atherosclerotic plaque vulnerability by regulating smooth muscle cell phenotypic switching. British journal of pharmacology, 180(16), 2085.

Ishi Y, et al. (2023) Distribution of Contractile Structures in a Mouse and Human Lymph Node Associated with Lymph Flow. Acta histochemica et cytochemica, 56(6), 137.