

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Caveolin 1

RRID:AB_397788

Type: Antibody

Proper Citation

BD Biosciences Cat# 610406, RRID:AB_397788

Antibody Information

URL: http://antibodyregistry.org/AB_397788

Proper Citation: BD Biosciences Cat# 610406, RRID:AB_397788

Target Antigen: Caveolin 1

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

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: Caveolin 1

Description: This monoclonal targets Caveolin 1

Target Organism: chicken, rat, canine, mouse, chickenbird, dog, human

Antibody ID: AB_397788

Vendor: BD Biosciences

Catalog Number: 610406

Record Creation Time: 20250819T215436+0000

Record Last Update: 20250820T002921+0000

Ratings and Alerts

- Independent validation by the NYU Langone 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 Caveolin 1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Erzar I, et al. (2025) Protocol for generation of endothelial cells from human-derived iPSCs and integration into mouse brain explants. STAR protocols, 6(4), 104239.

Howie J, et al. (2024) Glutathione-dependent depalmitoylation of phospholemman by peroxiredoxin 6. Cell reports, 43(2), 113679.

Laplantine E, et al. (2022) The FDA-approved drug Auranofin has a dual inhibitory effect on SARS-CoV-2 entry and NF- κ B signaling. iScience, 25(10), 105066.

Yamakawa D, et al. (2021) Primary cilia-dependent lipid raft/caveolin dynamics regulate adipogenesis. Cell reports, 34(10), 108817.

Ded L, et al. (2020) 3D in situ imaging of the female reproductive tract reveals molecular signatures of fertilizing spermatozoa in mice. eLife, 9.

Majumdar S, et al. (2019) Differential Actions of Estrogen Receptor α and β via Nongenomic Signaling in Human Prostate Stem and Progenitor Cells. Endocrinology, 160(11), 2692.

Saito-Diaz K, et al. (2018) APC Inhibits Ligand-Independent Wnt Signaling by the Clathrin Endocytic Pathway. Developmental cell, 44(5), 566.

Garcia J, et al. (2017) Sheath Cell Invasion and Trans-differentiation Repair Mechanical Damage Caused by Loss of Caveolae in the Zebrafish Notochord. Current biology : CB, 27(13), 1982.

Fiering S, et al. (2015) Registered report: Biomechanical remodeling of the microenvironment by stromal caveolin-1 favors tumor invasion and metastasis. eLife, 4, e04796.