

Resource Summary Report

Generated by [NIF](#) on Jul 31, 2026

SUMO-1 (D-11)

RRID:AB_628300

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-5308, RRID:AB_628300

Antibody Information

URL: http://antibodyregistry.org/AB_628300

Proper Citation: Santa Cruz Biotechnology Cat# sc-5308, RRID:AB_628300

Target Antigen: SUMO1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, Immunohistochemistry(P), ELISA

Antibody Name: SUMO-1 (D-11)

Description: This monoclonal targets SUMO1

Target Organism: rat, mouse, human

Clone ID: D-11

Antibody ID: AB_628300

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-5308

Record Creation Time: 20250820T054431+0000

Record Last Update: 20250820T222141+0000

Ratings and Alerts

No rating or validation information has been found for SUMO-1 (D-11).

No alerts have been found for SUMO-1 (D-11).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Zhang L, et al. (2025) Interleukin-1/Toll-like receptor signaling potentiates macrophage olfactory receptor 2-driven atherosclerosis. Cell reports, 44(12), 116639.

Ho PJ, et al. (2024) Multi-omics integration identifies cell-state-specific repression by PBRM1-PIAS1 cooperation. Cell genomics, 4(1), 100471.

Pan M, et al. (2023) UTP18-mediated p21 mRNA instability drives adenoma-carcinoma progression in colorectal cancer. Cell reports, 42(5), 112423.

Xia Q, et al. (2023) SENP3-mediated deSUMOylation of c-Jun facilitates microglia-induced neuroinflammation after cerebral ischemia and reperfusion injury. iScience, 26(6), 106953.

Zhang GF, et al. (2021) Reductive TCA cycle metabolism fuels glutamine- and glucose-stimulated insulin secretion. Cell metabolism, 33(4), 804.

Benoit YD, et al. (2021) Targeting SUMOylation dependency in human cancer stem cells through a unique SAE2 motif revealed by chemical genomics. Cell chemical biology, 28(10), 1394.

Benoit YD, et al. (2017) Sam68 Allows Selective Targeting of Human Cancer Stem Cells. Cell chemical biology, 24(7), 833.