

Resource Summary Report

Generated by [NIF](#) on Jul 30, 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: SUMO-1 (D-11)

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: SUMO-1 (D-11)

Description: This monoclonal targets SUMO-1 (D-11)

Target Organism: rat, mouse, human

Antibody ID: AB_628300

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-5308

Record Creation Time: 20250819T225503+0000

Record Last Update: 20250820T034232+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.