

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Mouse Anti-SIRT1 Monoclonal Antibody, Unconjugated, Clone B-7

RRID:AB_1129462

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-74465, RRID:AB_1129462

Antibody Information

URL: http://antibodyregistry.org/AB_1129462

Proper Citation: Santa Cruz Biotechnology Cat# sc-74465, RRID:AB_1129462

Target Antigen: SIRT1

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: ELISA; Immunofluorescence; Immunoprecipitation; Western Blot; Western Blotting, Immunoprecipitation, Immunofluorescence, ELISA

Antibody Name: Mouse Anti-SIRT1 Monoclonal Antibody, Unconjugated, Clone B-7

Description: This monoclonal targets SIRT1

Target Organism: rat, mouse, human

Clone ID: B-7

Antibody ID: AB_1129462

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-74465

Record Creation Time: 20250820T002244+0000

Record Last Update: 20250820T080651+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-SIRT1 Monoclonal Antibody, Unconjugated, Clone B-7.

No alerts have been found for Mouse Anti-SIRT1 Monoclonal Antibody, Unconjugated, Clone B-7.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

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

Gorica E, et al. (2025) The H₂S-donor Erucin modulates SIRT1 and rescues obesity-induced vascular dysfunction in human vessels. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 189, 118238.

Sui M, et al. (2024) The role of Testis-Specific Protein Y-encoded-Like 2 in kidney injury. *iScience*, 27(5), 109594.

Sun F, et al. (2024) AdipoRon promotes amyloid-?? clearance through enhancing autophagy via nuclear GAPDH-induced sirtuin 1 activation in Alzheimer's disease. *British journal of pharmacology*, 181(17), 3039.

Kang TS, et al. (2024) YZL-51N functions as a selective inhibitor of SIRT7 by NAD⁺ competition to impede DNA damage repair. *iScience*, 27(6), 110014.

Li Y, et al. (2023) SIRT2 negatively regulates the cGAS-STING pathway by deacetylating G3BP1. *EMBO reports*, 24(12), e57500.

Hou T, et al. (2022) Cytoplasmic SIRT6-mediated ACSL5 deacetylation impedes nonalcoholic fatty liver disease by facilitating hepatic fatty acid oxidation. *Molecular cell*, 82(21), 4099.

Abo El Gheit RE, et al. (2022) Melatonin epigenetic potential on testicular functions and fertility profile in varicocele rat model is mediated by silent information regulator 1. *British journal of pharmacology*, 179(13), 3363.

Jin X, et al. (2019) Cartilage Ablation of Sirt1 Causes Inhibition of Growth Plate Chondrogenesis by Hyperactivation of mTORC1 Signaling. *Endocrinology*, 160(12), 3001.