

# Resource Summary Report

Generated by [RRID](#) on Sep 11, 2026

## SirT3 (C73E3) Rabbit mAb

RRID:AB\_2188622

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 2627, RRID:AB\_2188622

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2188622](http://antibodyregistry.org/AB_2188622)

**Proper Citation:** Cell Signaling Technology Cat# 2627, RRID:AB\_2188622

**Target Antigen:** SirT3 (C73E3) Rabbit mAb

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** Applications: W, IP, IHC-P

**Antibody Name:** SirT3 (C73E3) Rabbit mAb

**Description:** This monoclonal targets SirT3 (C73E3) Rabbit mAb

**Target Organism:** rat, h, r, non-human primate, human, mk

**Antibody ID:** AB\_2188622

**Vendor:** Cell Signaling Technology

**Catalog Number:** 2627

**Alternative Catalog Numbers:** 2627S

**Record Creation Time:** 20231110T075420+0000

**Record Last Update:** 20260829T010711+0000

### Ratings and Alerts

No rating or validation information has been found for SirT3 (C73E3) Rabbit mAb.

No alerts have been found for SirT3 (C73E3) Rabbit mAb.

## Data and Source Information

**Source:** [Antibody Registry](#)

## Usage and Citation Metrics

We found 15 mentions in open access literature.

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

Ruankham W, et al. (2026) Unraveling Network Pharmacology-Based Therapeutics of Anthranilate Sulfonamides via Sirtuins/FOXO3a Cascade in Alzheimer's Disease. *Journal of neurochemistry*, 170(2), e70377.

Bi S, et al. (2024) The sirtuin-associated human senescence program converges on the activation of placenta-specific gene PAPPA. *Developmental cell*.

Xue W, et al. (2024) Cardioprotective effect of Cinnamamide derivative compound 10 against myocardial ischemia-reperfusion through regulating cardiac autophagy via Sirt1. *Biomedicine & pharmacotherapy = Biomedecine & pharmacotherapie*, 176, 116819.

Matoba H, et al. (2024) Sirt3 Regulates Proliferation and Progesterone Production in Leydig Cells via Suppression of Reactive Oxygen Species. *Endocrinology*, 165(4).

Debsharma S, et al. (2024) NSAID targets SIRT3 to trigger mitochondrial dysfunction and gastric cancer cell death. *iScience*, 27(4), 109384.

Machihara K, et al. (2023) Restoration of mitochondrial function by Spirulina polysaccharide via upregulated SOD2 in aging fibroblasts. *iScience*, 26(7), 107113.

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

Mao RW, et al. (2022) Honokiol ameliorates cisplatin-induced acute kidney injury via inhibition of mitochondrial fission. *British journal of pharmacology*, 179(14), 3886.

Oliviero G, et al. (2022) Distinct and diverse chromatin proteomes of ageing mouse organs reveal protein signatures that correlate with physiological functions. *eLife*, 11.

Chen D, et al. (2021) Lysine acetylation restricts mutant IDH2 activity to optimize transformation in AML cells. *Molecular cell*, 81(18), 3833.

Bucher M, et al. (2021) Dyslipidemia, insulin resistance, and impairment of placental metabolism in the offspring of obese mothers. *Journal of developmental origins of health and disease*, 12(5), 738.

Gaya-Bover A, et al. (2020) Antioxidant enzymes change in different non-metastatic stages in tumoral and peritumoral tissues of colorectal cancer. *The international journal of biochemistry & cell biology*, 120, 105698.

Kenny TC, et al. (2019) Mitohormesis Primes Tumor Invasion and Metastasis. Cell reports, 27(8), 2292.

Maniyadath B, et al. (2019) Loss of Hepatic Oscillatory Fed microRNAs Abrogates Refed Transition and Causes Liver Dysfunctions. Cell reports, 26(8), 2212.

Lin JR, et al. (2018) Highly multiplexed immunofluorescence imaging of human tissues and tumors using t-CyCIF and conventional optical microscopes. eLife, 7.