

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 11, 2026

## Recombinant Anti-SIRT1 antibody [EPR18239]

RRID:AB\_2864311

Type: Antibody

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### Proper Citation

Abcam Cat# ab189494, RRID:AB\_2864311

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2864311](http://antibodyregistry.org/AB_2864311)

**Proper Citation:** Abcam Cat# ab189494, RRID:AB\_2864311

**Target Antigen:** SIRT1

**Host Organism:** rabbit

**Clonality:** recombinant

**Comments:** Applications: IP, ICC/IF, Flow Cyt, WB, IHC-P

**Antibody Name:** Recombinant Anti-SIRT1 antibody [EPR18239]

**Description:** This recombinant targets SIRT1

**Target Organism:** rat, mouse, human

**Clone ID:** EPR18239

**Antibody ID:** AB\_2864311

**Vendor:** Abcam

**Catalog Number:** ab189494

**Record Creation Time:** 20250820T054450+0000

**Record Last Update:** 20250820T222147+0000

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### Ratings and Alerts

No rating or validation information has been found for Recombinant Anti-SIRT1 antibody [EPR18239].

No alerts have been found for Recombinant Anti-SIRT1 antibody [EPR18239].

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Li Q, et al. (2026) A 3D in vitro model for studying human implantation and implantation failure. *Cell*, 189(1), 70.

Duan Y, et al. (2026) SIRT1 deficiency promotes age-related heart failure through enhancing ferroptosis via GATA4-HADHA-GPX4 axis. *Cell death & disease*, 17(1).

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

Liu C, et al. (2023) Inducible nitric oxide synthase activity mediates TNF- $\alpha$ -induced endothelial cell dysfunction. *American journal of physiology. Cell physiology*, 325(3), C780.

Li Y, et al. (2022) Blockage of citrate export prevents TCA cycle fragmentation via Irg1 inactivation. *Cell reports*, 38(7), 110391.

Zhang J, et al. (2022) Adiponectin ameliorates hypertrophic scar by inhibiting Yes-associated protein transcription through SIRT1-mediated deacetylation of C/EBP $\alpha$  and histone H3. *iScience*, 25(10), 105236.

Li Y, et al. (2022) Hydroxysafflor Yellow A Blocks HIF-1 $\alpha$  Induction of NOX2 and Protects ZO-1 Protein in Cerebral Microvascular Endothelium. *Antioxidants (Basel, Switzerland)*, 11(4).

Chen X, et al. (2021) Thyroid Hormone-Regulated Expression of Period2 Promotes Liver Urate Production. *Frontiers in cell and developmental biology*, 9, 636802.

Wei X, et al. (2020) Reducing NADPH Synthesis Counteracts Diabetic Nephropathy through Restoration of AMPK Activity in Type 1 Diabetic Rats. *Cell reports*, 32(13), 108207.