

# Resource Summary Report

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## Smad2/3 (C-8)

RRID:AB\_2193048

Type: Antibody

### Proper Citation

Santa Cruz Biotechnology Cat# sc-133098, RRID:AB\_2193048

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2193048](http://antibodyregistry.org/AB_2193048)

**Proper Citation:** Santa Cruz Biotechnology Cat# sc-133098, RRID:AB\_2193048

**Target Antigen:** Smad2/3 (C-8)

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; Western Blot; Immunofluorescence; Immunoprecipitation; ELISA

**Antibody Name:** Smad2/3 (C-8)

**Description:** This monoclonal targets Smad2/3 (C-8)

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

**Antibody ID:** AB\_2193048

**Vendor:** Santa Cruz Biotechnology

**Catalog Number:** sc-133098

**Record Creation Time:** 20231110T073558+0000

**Record Last Update:** 20260829T053420+0000

### Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE,

NonFunctional in human:FALSE, Functional in animal:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Smad2/3 (C-8).

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Parikainen M, et al. (2026) Jagged1 regulates extracellular matrix deposition and remodeling in triple-negative breast cancer. Science advances, 12(12), eaea9562.

Han Y, et al. (2025) Identifying an optimal perturbation to induce a desired cell state by generative deep learning. Cell systems, 101405.

Barbeau MC, et al. (2025) The kinase ERK plays a conserved dominant role in the heterogeneity of epithelial-mesenchymal transition in pancreatic cancer cells. Science signaling, 18(899), eads7002.

Baro L, et al. (2024) Tumor invasiveness is regulated by the concerted function of APC, formins, and Arp2/3 complex. iScience, 27(5), 109687.

Meharwade T, et al. (2023) Cross-activation of FGF, NODAL, and WNT pathways constrains BMP-signaling-mediated induction of the totipotent state in mouse embryonic stem cells. Cell reports, 42(5), 112438.

Yang S, et al. (2023) Sp1-like protein KLF13 acts as a negative feedback regulator of TGF- $\beta$  signaling and fibrosis. Cell reports, 42(4), 112367.

Lee SM, et al. (2023) Deep learning untangles the resistance mechanism of p53 reactivator in lung cancer cells. iScience, 26(12), 108377.

Szilágyi SS, et al. (2022) Competition between type I activin and BMP receptors for binding to ACVR2A regulates signaling to distinct Smad pathways. BMC biology, 20(1), 50.

Seo Y, et al. (2021) Novel positive allosteric modulator of protease-activated receptor 1 promotes skin wound healing in hairless mice. British journal of pharmacology, 178(17), 3414.

Hreha TN, et al. (2020) TGF $\beta$ 1 orchestrates renal fibrosis following Escherichia coli pyelonephritis. Physiological reports, 8(6), e14401.