

Resource Summary Report

Generated by [RRID](#) on Aug 5, 2026

Smad2/3 (D7G7) XP Rabbit mAb

RRID:AB_10889933

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 8685, RRID:AB_10889933

Antibody Information

URL: http://antibodyregistry.org/AB_10889933

Proper Citation: Cell Signaling Technology Cat# 8685, RRID:AB_10889933

Target Antigen: Smad2/3 (D7G7) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F, ChIP, ChIP-seq. Consolidation on 9/2016: AB_10891619.

Antibody Name: Smad2/3 (D7G7) XP Rabbit mAb

Description: This monoclonal targets Smad2/3 (D7G7) XP Rabbit mAb

Target Organism: rat, h, m, mouse, r, human, mk

Antibody ID: AB_10889933

Vendor: Cell Signaling Technology

Catalog Number: 8685

Alternative Catalog Numbers: 8685S, 8685P

Record Creation Time: 20250820T021452+0000

Record Last Update: 20250820T130536+0000

Ratings and Alerts

- Used for western blot assay by the Human Islet Research Network community.
Contact(s): [Pen Wang](#), [Esra Karakose](#), [Bryan Gonzalez](#), [Dirk Homann](#), [Dieter Egli](#), [Andrew Stewart](#) - Human Islets Research Network <https://hirnetwork.org/>

No alerts have been found for Smad2/3 (D7G7) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 52 mentions in open access literature.

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

Fu Y, et al. (2025) Human adipose-derived mesenchymal stem cell-derived exosomes induce epithelial remodeling and anti-scar healing revealed by single-cell RNA sequencing. *Journal of nanobiotechnology*, 23(1), 506.

Luo P, et al. (2025) ERBB4 selectively amplifies TGF- β pro-metastatic responses. *Cell reports*, 44(2), 115210.

Li H, et al. (2025) T cell-intrinsic cGAS-CTCF regulation maintains regulatory T cell development and function. *Cell reports*, 44(10), 116302.

Weberling A, et al. (2025) Primitive to visceral endoderm maturation is essential for mouse epiblast survival beyond implantation. *iScience*, 28(1), 111671.

Khatib TO, et al. (2025) TGF- β 1-mediated intercellular signaling fuels cooperative cellular invasion. *Cell reports*, 44(2), 115315.

Xiao M, et al. (2024) Smad4 sequestered in SFPQ condensates prevents TGF- β tumor-suppressive signaling. *Developmental cell*, 59(1), 48.

Xie W, et al. (2024) Myocardial infarction accelerates the progression of MASH by triggering immunoinflammatory response and induction of periostin. *Cell metabolism*, 36(6), 1269.

Wang K, et al. (2024) Identification of key immune cells infiltrated in lung adenocarcinoma microenvironment and their related long noncoding RNA. *iScience*, 27(3), 109220.

Zhang Z, et al. (2024) Photobiomodulation inhibits the expression of chondroitin sulfate proteoglycans after spinal cord injury via the Sox9 pathway. *Neural regeneration research*, 19(1), 180.

Lee JH, et al. (2024) TGF- β and RAS jointly unmask primed enhancers to drive metastasis. *Cell*, 187(22), 6182.

Granados-Aparici S, et al. (2024) SMAD4 promotes somatic-germline contact during murine oocyte growth. *eLife*, 13.

Liu KX, et al. (2024) The antiprotozoal drug nitazoxanide improves experimental liver fibrosis in mice. *Biochemical pharmacology*, 224, 116205.

Wang R, et al. (2023) ZBTB18 restricts chromatin accessibility and prevents transcriptional adaptations that drive metastasis. *Science advances*, 9(1), eabq3951.

Wang L, et al. (2023) ASCL1 characterizes adrenergic neuroblastoma via its pioneer function and cooperation with core regulatory circuit factors. *Cell reports*, 42(12), 113541.

Aoyama S, et al. (2023) Prolyl isomerase Pin1 promotes extracellular matrix production in hepatic stellate cells through regulating formation of the Smad3-TAZ complex. *Experimental cell research*, 425(2), 113544.

ElGhazaly M, et al. (2023) Typhoid toxin hijacks Wnt5a to establish host senescence and Salmonella infection. *Cell reports*, 42(10), 113181.

Li J, et al. (2023) TOPK mediates immune evasion of renal cell carcinoma via upregulating the expression of PD-L1. *iScience*, 26(7), 107185.

Zhu X, et al. (2023) Acetate controls endothelial-to-mesenchymal transition. *Cell metabolism*, 35(7), 1163.

Chen XY, et al. (2023) Anthelmintic nitazoxanide protects against experimental pulmonary fibrosis. *British journal of pharmacology*, 180(23), 3008.

Desjardins EM, et al. (2023) Combination of an ACLY inhibitor with a GLP-1R agonist exerts additive benefits on nonalcoholic steatohepatitis and hepatic fibrosis in mice. *Cell reports. Medicine*, 4(9), 101193.