

Resource Summary Report

Generated by [dkNET](#) on Aug 20, 2026

Smad3 antibody [EP568Y]

RRID:AB_777979

Type: Antibody

Proper Citation

Abcam Cat# ab40854, RRID:AB_777979

Antibody Information

URL: http://antibodyregistry.org/AB_777979

Proper Citation: Abcam Cat# ab40854, RRID:AB_777979

Target Antigen: Smad3

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunocytochemistry; Immunohistochemistry; Immunoprecipitation; Western Blot; Immunocytochemistry, Immunohistochemistry-P, Immunoprecipitation, Western Blot

Antibody Name: Smad3 antibody [EP568Y]

Description: This monoclonal targets Smad3

Target Organism: rat, mouse, human

Clone ID: Clone EP568Y

Antibody ID: AB_777979

Vendor: Abcam

Catalog Number: ab40854

Record Creation Time: 20250819T235858+0000

Record Last Update: 20250820T070102+0000

Ratings and Alerts

No rating or validation information has been found for Smad3 antibody [EP568Y].

No alerts have been found for Smad3 antibody [EP568Y].

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Lou E, et al. (2026) Super-Enhancer-Driven SOX4/SMAD3 Mediate Membrane Remodeling by Regulating Phospholipid Metabolism to Accelerate Leukemia Progression. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), 13(24), e12332.

Wang K, et al. (2025) Fibrogenesis-driven tumor progression in clear cell renal cell carcinoma: prognostic, therapeutic implications and the dual role of neuropilin-1. *Cancer cell international*, 25(1), 179.

Yang G, et al. (2025) HSPA8 dampens SCAP/INSIG split and SREBP activation by reducing PKR-mediated INSIG phosphorylation. *Cell reports*, 44(3), 115339.

Dufau J, et al. (2025) Nuclear hormone-sensitive lipase regulates adipose tissue mass and adipocyte metabolism. *Cell metabolism*, 37(11), 2250.

Zheng H, et al. (2024) PDGFR⁺/ITGA11⁺ fibroblasts foster early-stage cancer lymphovascular invasion and lymphatic metastasis via ITGA11-SELE interplay. *Cancer cell*.

Liang GQ, et al. (2024) Baicalein improves renal interstitial fibrosis by inhibiting the ferroptosis in vivo and in vitro. *Heliyon*, 10(7), e28954.

Mei S, et al. (2024) CircSMAD3 represses SMAD3 phosphorylation and ameliorates cardiac remodeling by recruiting YBX1. *iScience*, 27(7), 110200.

Vanhoutte D, et al. (2024) Thbs1 regulates skeletal muscle mass in a TGF β -Smad2/3-ATF4-dependent manner. *Cell reports*, 43(5), 114149.

Yang S, et al. (2023) MicroRNA-92b as a negative regulator of the TGF- β signaling by targeting the type I receptor. *iScience*, 26(11), 108131.

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

Zhang M, et al. (2023) *Fusobacterium nucleatum* promotes colorectal cancer metastasis by excretion of miR-122-5p from cells via exosomes. *iScience*, 26(9), 107686.

Li X, et al. (2023) MYCT1 attenuates renal fibrosis and tubular injury in diabetic kidney disease. *iScience*, 26(9), 107609.

Koprulu M, et al. (2022) Identification of Rare Loss-of-Function Genetic Variation Regulating Body Fat Distribution. *The Journal of clinical endocrinology and metabolism*, 107(4), 1065.

Zhang L, et al. (2021) Creatine promotes cancer metastasis through activation of Smad2/3. *Cell metabolism*, 33(6), 1111.

Gori I, et al. (2021) Mutations in SKI in Shprintzen-Goldberg syndrome lead to attenuated TGF- β responses through SKI stabilization. *eLife*, 10.

Kuonen F, et al. (2021) c-FOS drives reversible basal to squamous cell carcinoma transition. *Cell reports*, 37(1), 109774.

Hancock MH, et al. (2020) Human Cytomegalovirus miRNAs Regulate TGF- β to Mediate Myelosuppression while Maintaining Viral Latency in CD34⁺ Hematopoietic Progenitor Cells. *Cell host & microbe*, 27(1), 104.

Papoutsoglou P, et al. (2019) The TGFB2-AS1 lncRNA Regulates TGF- β Signaling by Modulating Corepressor Activity. *Cell reports*, 28(12), 3182.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.

Miller DSJ, et al. (2018) The Dynamics of TGF- β Signaling Are Dictated by Receptor Trafficking via the ESCRT Machinery. *Cell reports*, 25(7), 1841.