Resource Summary Report

Generated by RRID on Aug 3, 2026

Mouse Anti-Smad2 Monoclonal Antibody, Unconjugated, Clone L16D3

RRID:AB_490816
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3103, RRID:AB_490816

Antibody Information

URL: http://antibodyregistry.org/AB_490816

Proper Citation: Cell Signaling Technology Cat# 3103, RRID:AB_490816

Target Antigen: Smad2

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W

Antibody Name: Mouse Anti-Smad2 Monoclonal Antibody, Unconjugated, Clone L16D3

Description: This monoclonal targets Smad2

Target Organism: monkey, rat, simian, mouse, human

Clone ID: Clone L16D3

Antibody ID: AB_490816

Vendor: Cell Signaling Technology

Catalog Number: 3103

Record Creation Time: 20250820T030846+0000

Record Last Update: 20250820T152826+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Smad2 Monoclonal Antibody, Unconjugated, Clone L16D3.

No alerts have been found for Mouse Anti-Smad2 Monoclonal Antibody, Unconjugated, Clone L16D3.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Chen CY, et al. (2025) The distinct roles of TGF-? signaling in retinal development. iScience, 28(11), 113737.

Murimwa GZ, et al. (2025) SMAD4 Deficiency Promotes Pancreatic Cancer Progression and Confers Susceptibility to TGF? Inhibition. Cancer research, 85(16), 2987.

Hu C, et al. (2024) Endometrial BMP2 Deficiency Impairs ITGB3-Mediated Trophoblast Invasion in Women With Repeated Implantation Failure. Endocrinology, 165(3).

Huang M, et al. (2024) ALK upregulates POSTN and WNT signaling to drive neuroblastoma. Cell reports, 43(3), 113927.

Liu D, et al. (2024) Predictive biomarkers for response to TGF- ? inhibition in resensitizing chemo(radiated) esophageal adenocarcinoma. Pharmacological research, 207, 107315.

Huang H, et al. (2022) Mesothelial cell-derived antigen-presenting cancer-associated fibroblasts induce expansion of regulatory T cells in pancreatic cancer. Cancer cell, 40(6), 656.

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.

Hsu YJ, et al. (2022) TGFBR3 supports anoikis through suppressing ATF4 signaling. Journal of cell science, 135(17).

Fortin J, et al. (2020) Mutant ACVR1 Arrests Glial Cell Differentiation to Drive Tumorigenesis in Pediatric Gliomas. Cancer cell, 37(3), 308.

Yin J, et al. (2020) TGF-?1 Increases GDNF Production by Upregulating the Expression of GDNF and Furin in Human Granulosa-Lutein Cells. Cells, 9(1).

Liu S, et al. (2019) SMAD-dependent signaling mediates morphogenetic protein 6-induced stimulation of connective tissue growth factor in luteinized human granulosa cells†.

Biology of reproduction, 101(2), 445.

Zhao HJ, et al. (2018) Bone Morphogenetic Protein 2 Promotes Human Trophoblast Cell Invasion by Inducing Activin A Production. Endocrinology, 159(7), 2815.

Tu E, et al. (2018) T Cell Receptor-Regulated TGF-? Type I Receptor Expression Determines T Cell Quiescence and Activation. Immunity, 48(4), 745.

Li H, et al. (2018) SNAIL Mediates TGF-?1-Induced Downregulation of Pentraxin 3 Expression in Human Granulosa Cells. Endocrinology, 159(4), 1644.

Clements MP, et al. (2017) The Wound Microenvironment Reprograms Schwann Cells to Invasive Mesenchymal-like Cells to Drive Peripheral Nerve Regeneration. Neuron, 96(1), 98.

Huang X, et al. (2017) Zfp281 is essential for mouse epiblast maturation through transcriptional and epigenetic control of Nodal signaling. eLife, 6.

Bajikar SS, et al. (2017) Tumor-Suppressor Inactivation of GDF11 Occurs by Precursor Sequestration in Triple-Negative Breast Cancer. Developmental cell, 43(4), 418.

Cheng JC, et al. (2017) TGF-?1 Inhibits Human Trophoblast Cell Invasion by Upregulating Connective Tissue Growth Factor Expression. Endocrinology, 158(10), 3620.