Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 19, 2025

Phospho-Smad1/5 (Ser463/465) (41D10) Rabbit mAb

RRID:AB_491015
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 9516, RRID:AB_491015)

Antibody Information

URL: http://antibodyregistry.org/AB_491015

Proper Citation: (Cell Signaling Technology Cat# 9516, RRID:AB_491015)

Target Antigen: Phospho-Smad1/5 (Ser463/465) (41D10) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IF-IC, F. Consolidation: AB_10121682.

Antibody Name: Phospho-Smad1/5 (Ser463/465) (41D10) Rabbit mAb

Description: This monoclonal targets Phospho-Smad1/5 (Ser463/465) (41D10) Rabbit mAb

Target Organism: rat, mouse, human

Antibody ID: AB_491015

Vendor: Cell Signaling Technology

Catalog Number: 9516

Alternative Catalog Numbers: 9516S, 9516P

Record Creation Time: 20231110T080830+0000

Record Last Update: 20241115T041651+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Smad1/5 (Ser463/465) (41D10) Rabbit mAb.

No alerts have been found for Phospho-Smad1/5 (Ser463/465) (41D10) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 74 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Nair S, et al. (2024) Extramacrochaetae regulates Notch signaling in the Drosophila eye through non-apoptotic caspase activity. eLife, 12.

Wang J, et al. (2024) ARF alters PAF1 complex integrity to selectively repress oncogenic transcription programs upon p53 loss. Molecular cell, 84(23), 4538.

Lehr S, et al. (2024) Self-organized pattern formation in the developing mouse neural tube by a temporal relay of BMP signaling. Developmental cell.

Kim HS, et al. (2024) Mutations that prevent phosphorylation of the BMP4 prodomain impair proteolytic maturation of homodimers leading to early lethality in mice. bioRxiv : the preprint server for biology.

Ridwan SM, et al. (2024) Diffusible fraction of niche BMP ligand safeguards stem-cell differentiation. Nature communications, 15(1), 1166.

Davis SN, et al. (2024) Nephron progenitors rhythmically alternate between renewal and differentiation phases that synchronize with kidney branching morphogenesis. bioRxiv : the preprint server for biology.

Wang W, et al. (2024) The TET-Sall4-BMP regulatory axis controls craniofacial cartilage development. Cell reports, 43(3), 113873.

Vasic I, et al. (2023) Loss of TJP1 disrupts gastrulation patterning and increases differentiation toward the germ cell lineage in human pluripotent stem cells. Developmental cell, 58(16), 1477.

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

Pandey A, et al. (2023) ADAM11 a novel regulator of Wnt and BMP4 signaling in neural crest and cancer. Frontiers in cell and developmental biology, 11, 1271178.

Pandey A, et al. (2023) ADAM11 a novel regulator of Wnt and BMP4 signaling in neural crest and cancer. bioRxiv : the preprint server for biology.

Andersson-Rusch C, et al. (2023) High concentrations of soluble endoglin can inhibit BMP9 signaling in non-endothelial cells. Scientific reports, 13(1), 6639.

Guichard A, et al. (2023) A comprehensive Drosophila resource to identify key functional interactions between SARS-CoV-2 factors and host proteins. Cell reports, 42(8), 112842.

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.

Singh DK, et al. (2023) 5-Azacytidine- and retinoic-acid-induced reprogramming of DCCs into dormancy suppresses metastasis via restored TGF-?-SMAD4 signaling. Cell reports, 42(6), 112560.

Mina E, et al. (2023) FK506 bypasses the effect of erythroferrone in cancer cachexia skeletal muscle atrophy. Cell reports. Medicine, 4(12), 101306.

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.

Ong ALC, et al. (2023) Acquisition of neural fate by combination of BMP blockade and chromatin modification. iScience, 26(10), 107887.

Jatzlau J, et al. (2023) Fluid shear stress-modulated chromatin accessibility reveals the mechano-dependency of endothelial SMAD1/5-mediated gene transcription. iScience, 26(9), 107405.

Tsaytler P, et al. (2023) BMP4 triggers regulatory circuits specifying the cardiac mesoderm lineage. Development (Cambridge, England), 150(10).