Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 10, 2025

Phospho-Smad1 (Ser463/465)/ Smad5 (Ser463/465)/ Smad9 (Ser465/467) (D5B10) Rabbit mAb

RRID:AB_2493181 Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 13820, RRID:AB_2493181)

Antibody Information

URL: http://antibodyregistry.org/AB_2493181

Proper Citation: (Cell Signaling Technology Cat# 13820, RRID:AB_2493181)

Target Antigen: Phospho-Smad1 (Ser463/465)/ Smad5 (Ser463/465)/ Smad9 (Ser465/467)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F

Antibody Name: Phospho-Smad1 (Ser463/465)/ Smad5 (Ser463/465)/ Smad9 (Ser465/467) (D5B10) Rabbit mAb

Description: This monoclonal targets Phospho-Smad1 (Ser463/465)/ Smad5 (Ser463/465)/ Smad9 (Ser465/467)

Target Organism: rat, mouse, human

Antibody ID: AB_2493181

Vendor: Cell Signaling Technology

Catalog Number: 13820

Record Creation Time: 20231110T040017+0000

Record Last Update: 20240724T235342+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Smad1 (Ser463/465)/ Smad5 (Ser463/465)/ Smad9 (Ser465/467) (D5B10) Rabbit mAb.

No alerts have been found for Phospho-Smad1 (Ser463/465)/ Smad5 (Ser463/465)/ Smad9 (Ser465/467) (D5B10) Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 85 mentions in open access literature.

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

Sato N, et al. (2024) Basal delamination during mouse gastrulation primes pluripotent cells for differentiation. Developmental cell, 59(10), 1252.

Ito A, et al. (2024) Suppression of BMP signaling restores mitral cell development impaired by FGF signaling deficits in mouse olfactory bulb. Molecular and cellular neurosciences, 128, 103913.

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

Nandagopal S, et al. (2024) Activation-derepression synergy enables a bHLH network to coordinate a signal-specific fate response. Cell reports, 43(12), 115077.

Gao Y, et al. (2024) Ehbp1 orchestrates orderly sorting of Wnt/Wingless to the basolateral and apical cell membranes. EMBO reports, 25(11), 5053.

Bongiovanni C, et al. (2024) BMP7 promotes cardiomyocyte regeneration in zebrafish and adult mice. Cell reports, 43(5), 114162.

Huang B, et al. (2024) Long-term expandable mouse and human-induced nephron progenitor cells enable kidney organoid maturation and modeling of plasticity and disease. Cell stem cell, 31(6), 921.

Bhat GP, et al. (2024) Structured wound angiogenesis instructs mesenchymal barrier compartments in the regenerating nerve. Neuron, 112(2), 209.

Camacho-Aguilar E, et al. (2024) Combinatorial interpretation of BMP and WNT controls the decision between primitive streak and extraembryonic fates. Cell systems, 15(5), 445.

Krammer T, et al. (2024) Mouse neural tube organoids self-organize floorplate through BMPmediated cluster competition. Developmental cell, 59(15), 1940.

Hall ET, et al. (2024) Cytoneme signaling provides essential contributions to mammalian tissue patterning. Cell, 187(2), 276.

Zhou X, et al. (2024) Matrilin-3 supports neuroprotection in ischemic stroke by suppressing astrocyte-mediated neuroinflammation. Cell reports, 43(4), 113980.

Xiong L, et al. (2024) TLR2 regulates hair follicle cycle and regeneration via BMP signaling. eLife, 12.

Azevedo-Pereira RL, et al. (2023) Decoding the molecular crosstalk between grafted stem cells and the stroke-injured brain. Cell reports, 42(4), 112353.

Quist-Løkken I, et al. (2023) FKBP12 is a major regulator of ALK2 activity in multiple myeloma cells. Cell communication and signaling : CCS, 21(1), 25.

Suh J, et al. (2023) Mitochondrial fragmentation and donut formation enhance mitochondrial secretion to promote osteogenesis. Cell metabolism, 35(2), 345.

Kim SP, et al. (2023) Peroxisome proliferator activated receptor-? in osteoblasts controls bone formation and fat mass by regulating sclerostin expression. iScience, 26(7), 106999.

Overeem AW, et al. (2023) Efficient and scalable generation of primordial germ cells in 2D culture using basement membrane extract overlay. Cell reports methods, 3(6), 100488.

Ramos Zapatero M, et al. (2023) Trellis tree-based analysis reveals stromal regulation of patient-derived organoid drug responses. Cell, 186(25), 5606.

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