

# Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

## Phospho-?-Catenin (Ser675) (D2F1) XP® Rabbit mAb

RRID:AB\_1903923

Type: Antibody

### Proper Citation

Cell Signaling Technology Cat# 4176, RRID:AB\_1903923

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_1903923](http://antibodyregistry.org/AB_1903923)

**Proper Citation:** Cell Signaling Technology Cat# 4176, RRID:AB\_1903923

**Target Antigen:** Phospho-?-Catenin (Ser675)

**Host Organism:** rabbit

**Clonality:** recombinant monoclonal

**Comments:** Applications: WB, IP, IF-F, IF-IC

Consolidation on 10/2018: AB\_10484278, AB\_10484414, AB\_1903923, AB\_1903925.

**Antibody Name:** Phospho-?-Catenin (Ser675) (D2F1) XP® Rabbit mAb

**Description:** This recombinant monoclonal targets Phospho-?-Catenin (Ser675)

**Target Organism:** rat, xenopusamphibian, m, mouse, chickenbird, zebrafishfish, z, human

**Clone ID:** D2F1

**Antibody ID:** AB\_1903923

**Vendor:** Cell Signaling Technology

**Catalog Number:** 4176

**Record Creation Time:** 20250820T001951+0000

**Record Last Update:** 20250820T075912+0000

### Ratings and Alerts

No rating or validation information has been found for Phospho- $\beta$ -Catenin (Ser675) (D2F1) XP® Rabbit mAb.

No alerts have been found for Phospho- $\beta$ -Catenin (Ser675) (D2F1) XP® Rabbit mAb.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Lin Y, et al. (2026) Astragaloside II alleviates cardiac hypertrophy by targeting aminoacylase-1: a novel mechanism via the  $\beta$ -catenin/transcription factor 4/ubiquitin C-terminal hydrolase L1 axis. *British journal of pharmacology*, 183(13), 3599.

Kolara LD, et al. (2026) IRE1 signaling in osteoprogenitors augments  $\beta$ -catenin activity and physiologic bone accrual. *Journal of bone and mineral research : the official journal of the American Society for Bone and Mineral Research*, 41(8), 890.

Sakamoto E, et al. (2024) Both enantiomers of  $\beta$ -aminoisobutyric acid BAIBA regulate Fgf23 via MRGPRD receptor by activating distinct signaling pathways in osteocytes. *Cell reports*, 43(7), 114397.

Shen C, et al. (2024) Interaction between p21-activated kinase 4 and  $\beta$ -catenin as a novel pathway for PTH-dependent osteoblast activation. *Journal of cellular physiology*, 239(6), e31245.

Wang W, et al. (2024) Targeting Ovarian Cancer Stem Cells by Dual Inhibition of the Long Noncoding RNA HOTAIR and Lysine Methyltransferase EZH2. *Molecular cancer therapeutics*, 23(11), 1666.

Zhu M, et al. (2024) Class I HDAC inhibitors enhance antitumor efficacy and persistence of CAR-T cells by activation of the Wnt pathway. *Cell reports*, 43(4), 114065.

Xu S, et al. (2024) Development of a PAK4-targeting PROTAC for renal carcinoma therapy: concurrent inhibition of cancer cell proliferation and enhancement of immune cell response. *EBioMedicine*, 104, 105162.

Wang D, et al. (2023) SETD7 promotes lateral plate mesoderm formation by modulating the Wnt/ $\beta$ -catenin signaling pathway. *iScience*, 26(6), 106917.

Liu X, et al. (2023) Renal interstitial cells promote nephron regeneration by secreting prostaglandin E2. *eLife*, 12.

Zhu Y, et al. (2023) Dual-specificity RNA aptamers enable manipulation of target-specific O-GlcNAcylation and unveil functions of O-GlcNAc on  $\beta$ -catenin. *Cell*, 186(2), 428.

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.

Jeon HM, et al. (2023) Tissue factor is a critical regulator of radiation therapy-induced glioblastoma remodeling. *Cancer cell*, 41(8), 1480.

Hönes GS, et al. (2022) Canonical Thyroid Hormone Receptor  $\alpha$  Action Stimulates Hepatocyte Proliferation in Male Mice. *Endocrinology*, 163(3).

Tredicine M, et al. (2022) A TLR/CD44 axis regulates T cell trafficking in experimental and human multiple sclerosis. *iScience*, 25(2), 103763.

Karaca B, et al. (2021) Doxazosin and erlotinib have anticancer effects in the endometrial cancer cell and important roles in ER $\alpha$  and Wnt/ $\beta$ -catenin signaling pathways. *Journal of biochemical and molecular toxicology*, 35(11), e22905.

Li T, et al. (2021) Starvation induced autophagy promotes the progression of bladder cancer by LDHA mediated metabolic reprogramming. *Cancer cell international*, 21(1), 597.

Aros CJ, et al. (2020) Distinct Spatiotemporally Dynamic Wnt-Secreting Niches Regulate Proximal Airway Regeneration and Aging. *Cell stem cell*, 27(3), 413.