

Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

Phospho-PRAS40 (Thr246) (D4D2) XP® Rabbit mAb

RRID:AB_2798140

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 13175, RRID:AB_2798140

Antibody Information

URL: http://antibodyregistry.org/AB_2798140

Proper Citation: Cell Signaling Technology Cat# 13175, RRID:AB_2798140

Target Antigen: PRAS40

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P

Antibody Name: Phospho-PRAS40 (Thr246) (D4D2) XP® Rabbit mAb

Description: This monoclonal targets PRAS40

Target Organism: h, m, r, mk

Clone ID: Clone D4D2

Antibody ID: AB_2798140

Vendor: Cell Signaling Technology

Catalog Number: 13175

Record Creation Time: 20250819T214154+0000

Record Last Update: 20250819T234809+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PRAS40 (Thr246) (D4D2) XP® Rabbit mAb.

No alerts have been found for Phospho-PRAS40 (Thr246) (D4D2) XP® Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 10 mentions in open access literature.

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

Almazan J, et al. (2025) Combined inhibition of focal adhesion kinase and RAF/MEK elicits synergistic inhibition of melanoma growth and reduces metastases. *Cell reports. Medicine*, 6(2), 101943.

Cahuzac KM, et al. (2023) AKT activation because of PTEN loss upregulates xCT via GSK3 β /NRF2, leading to inhibition of ferroptosis in PTEN-mutant tumor cells. *Cell reports*, 42(5), 112536.

Huang Y, et al. (2022) Microglia/macrophage-derived human CCL18 promotes glioma progression via CCR8-ACP5 axis analyzed in humanized slice model. *Cell reports*, 39(2), 110670.

Hu SH, et al. (2022) Methylene-bridge tryptophan fatty acylation regulates PI3K-AKT signaling and glucose uptake. *Cell reports*, 38(11), 110509.

Whiteaker JR, et al. (2021) Targeted mass spectrometry-based assays enable multiplex quantification of receptor tyrosine kinase, MAP Kinase, and AKT signaling. *Cell reports methods*, 1(3).

Di Nardo A, et al. (2020) Phenotypic Screen with TSC-Deficient Neurons Reveals Heat-Shock Machinery as a Druggable Pathway for mTORC1 and Reduced Cilia. *Cell reports*, 31(12), 107780.

Michalopoulou E, et al. (2020) Macropinocytosis Renders a Subset of Pancreatic Tumor Cells Resistant to mTOR Inhibition. *Cell reports*, 30(8), 2729.

Batista TM, et al. (2020) A Cell-Autonomous Signature of Dysregulated Protein Phosphorylation Underlies Muscle Insulin Resistance in Type 2 Diabetes. *Cell metabolism*, 32(5), 844.

Hedberg ML, et al. (2019) Use of nonsteroidal anti-inflammatory drugs predicts improved patient survival for PIK3CA-altered head and neck cancer. *The Journal of experimental medicine*, 216(2), 419.

Wang DG, et al. (2019) PIP4Ks Suppress Insulin Signaling through a Catalytic-Independent Mechanism. *Cell reports*, 27(7), 1991.