

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

PTEN (D4.3) XP Rabbit mAb

RRID:AB_2253290

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9188, RRID:AB_2253290

Antibody Information

URL: http://antibodyregistry.org/AB_2253290

Proper Citation: Cell Signaling Technology Cat# 9188, RRID:AB_2253290

Target Antigen: PTEN (D4.3) XP Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P. Consolidation: AB_2174349, AB_10828327.

Antibody Name: PTEN (D4.3) XP Rabbit mAb

Description: This monoclonal targets PTEN (D4.3) XP Rabbit mAb

Target Organism: rat, h, m, mouse, r, non-human primate, human, mk

Antibody ID: AB_2253290

Vendor: Cell Signaling Technology

Catalog Number: 9188

Alternative Catalog Numbers: 9188S, 9188P, 9188L

Record Creation Time: 20250819T220112+0000

Record Last Update: 20250820T005110+0000

Ratings and Alerts

No rating or validation information has been found for PTEN (D4.3) XP Rabbit mAb.

No alerts have been found for PTEN (D4.3) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 63 mentions in open access literature.

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

Lai P, et al. (2025) Mitochondrial DNA released by senescent tumor cells enhances PMN-MDSC-driven immunosuppression through the cGAS-STING pathway. *Immunity*, 58(4), 811.

Gadal S, et al. (2025) Tumorigenesis Driven by BRAFV600E Requires Secondary Mutations That Overcome Its Feedback Inhibition of RAC1 and Migration. *Cancer research*, 85(9), 1611.

DeSpenza T, et al. (2025) PTEN mutations impair CSF dynamics and cortical networks by dysregulating periventricular neural progenitors. *Nature neuroscience*, 28(3), 536.

Ibrahim M, et al. (2025) NF1 Loss Promotes EGFR Activation and Confers Sensitivity to EGFR Inhibition in NF1-Mutant Melanoma. *Cancer research*, 85(17), 3348.

Liu F, et al. (2025) PTEN neddylation aggravates CDK4/6 inhibitor resistance in breast cancer. *Oncogene*, 44(33), 2997.

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.

Burge RA, et al. (2025) PTEN Oxidation Promotes Constitutive PI3K Signaling and Inducible Macropinocytosis in Pancreatic Cancer. *Cancer research*, OF1.

Simpson JE, et al. (2024) Autophagy supports PDGFRA-dependent brain tumor development by enhancing oncogenic signaling. *Developmental cell*, 59(2), 228.

Yonan JM, et al. (2024) PTEN deletion in the adult dentate gyrus induces epilepsy. *Neurobiology of disease*, 203, 106736.

Trekitkarnmongkol W, et al. (2024) Epigenetic activation of SOX11 is associated with recurrence and progression of ductal carcinoma in situ to invasive breast cancer. *British journal of cancer*, 131(1), 171.

Nguele Meke F, et al. (2024) Inhibition of PRL2 Upregulates PTEN and Attenuates Tumor Growth in Tp53-deficient Sarcoma and Lymphoma Mouse Models. *Cancer research communications*, 4(1), 5.

Ullrich V, et al. (2024) KDM5B predicts temozolomide-resistant subclones in glioblastoma. *iScience*, 27(1), 108596.

Xiao L, et al. (2024) m6A mRNA methylation in brown fat regulates systemic insulin sensitivity via an inter-organ prostaglandin signaling axis independent of UCP1. *Cell metabolism*, 36(10), 2207.

Yonan JM, et al. (2024) PTEN DELETION IN THE ADULT DENTATE GYRUS INDUCES EPILEPSY. *bioRxiv : the preprint server for biology*.

Treekitkarnmongkol W, et al. (2024) eEF1A2 promotes PTEN-GSK3 β -SCF complex-dependent degradation of Aurora kinase A and is inactivated in breast cancer. *Science signaling*, 17(826), eadh4475.

Bagh MB, et al. (2024) Disruption of lysosomal nutrient sensing scaffold contributes to pathogenesis of a fatal neurodegenerative lysosomal storage disease. *The Journal of biological chemistry*, 300(2), 105641.

Fu XQ, et al. (2024) Comparative transcriptomic profiling reveals a role for Olig1 in promoting axon regeneration. *Cell reports*, 43(7), 114514.

Dilday T, et al. (2024) Identification and characterization of a potent and selective HUNK inhibitor for treatment of HER2+ breast cancer. *Cell chemical biology*.

Liao K, et al. (2024) Critical roles of the miR-17-92 family in thymocyte development, leukemogenesis, and autoimmunity. *Cell reports*, 43(6), 114261.

Hu LT, et al. (2023) Exosomal miR-23b from bone marrow mesenchymal stem cells alleviates oxidative stress and pyroptosis after intracerebral hemorrhage. *Neural regeneration research*, 18(3), 560.