

Resource Summary Report

Generated by [NIF](#) on Aug 24, 2026

PI3 Kinase p85 (19H8) Rabbit mAb

RRID:AB_659889

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4257, RRID:AB_659889

Antibody Information

URL: http://antibodyregistry.org/AB_659889

Proper Citation: Cell Signaling Technology Cat# 4257, RRID:AB_659889

Target Antigen: PI3 Kinase p85

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: WB, IP

Consolidation on 11/2018: AB_10695255, AB_10831521, AB_659889

Antibody Name: PI3 Kinase p85 (19H8) Rabbit mAb

Description: This monoclonal targets PI3 Kinase p85

Target Organism: rat, mouse, human

Clone ID: 19H8

Antibody ID: AB_659889

Vendor: Cell Signaling Technology

Catalog Number: 4257

Record Creation Time: 20250820T011547+0000

Record Last Update: 20250820T102737+0000

Ratings and Alerts

No rating or validation information has been found for PI3 Kinase p85 (19H8) Rabbit mAb.

No alerts have been found for PI3 Kinase p85 (19H8) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 49 mentions in open access literature.

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

Wang Y, et al. (2026) γ -Linolenic acid suppresses Th17 cell differentiation to mitigate allergic rhinitis by binding to Lyn kinase in mast cells. *British journal of pharmacology*, 183(12), 3234.

Liu SS, et al. (2026) Epigenetic regulation of NDGA and its synergistic inhibition with EZH2 inhibitors in prostate cancer via NRP1. *Acta pharmacologica Sinica*, 47(6), 1643.

Jing J, et al. (2026) Recombinant tissue plasminogen activator protects neurons after intracerebral hemorrhage through activating the PI3K/AKT/mTOR pathway. *Neural regeneration research*, 21(4), 1574.

Shen Y, et al. (2026) CCL1-AMFR Facilitates Glioblastoma Progression by Modulating the Cross-talk between Glioma Cells and Tumor-Associated Macrophages. *Cancer immunology research*, 14(4), 676.

Govindarajan M, et al. (2026) Pan-cancer N-glycoproteomic atlas of patient-derived xenografts uncovers FAT2 as an actionable surface target. *Cell reports. Medicine*, 7(2), 102578.

Calescibetta A, et al. (2026) Combining lenalidomide with IL-2 family of cytokines enhances activating receptor and perforin/granzyme expression in NK cells. *PloS one*, 21(3), e0344471.

Yang T, et al. (2026) "Membrane-Guided" Repair Strategy: Precision Delivery of GGT1 Degradar for Targeted Repair and Regeneration of Spinal Cord Neurons. *Advanced science (Weinheim, Baden-Wurttemberg, Germany)*, 13(42), e75554.

Tomlinson PR, et al. (2025) Paradoxical dominant negative activity of an immunodeficiency-associated activating PIK3R1 variant. *eLife*, 13.

Li Z, et al. (2025) Sumoylated Etv1 establishes mouse mammary cancer stem cells that support tumorigenesis by non-stem cancer cells. *Developmental cell*, 60(17), 2264.

He X, et al. (2025) PI3K γ functions as a protein kinase to promote cellular protein O-GlcNAcylation and acetyl-CoA production for tumor growth. *Molecular cell*, 85(7), 1411.

Shi T, et al. (2025) CHI3L3+ immature neutrophils inhibit anti-tumor immunity and impede immune checkpoint blockade therapy in bone metastases. *Cancer cell*.

Kim SG, et al. (2025) Triflumizole induces excessive reactive oxygen species, inhibits the GPR30/PI3K/AKT pathway, and triggers apoptosis and autophagy in GC-1 spermatogonia cells. *Pesticide biochemistry and physiology*, 213, 106486.

Jeong YH, et al. (2025) *Spirodelae* Herba ethanol extract attenuates neurotoxicity in hippocampal cells and improves scopolamine-induced cognitive impairment in mice. *Frontiers in pharmacology*, 16, 1638068.

Zou Y, et al. (2024) Contactin -Associated protein1 Regulates Autophagy by Modulating the PI3K/AKT/mTOR Signaling Pathway and ATG4B Levels in Vitro and in Vivo. *Molecular neurobiology*.

Becattini B, et al. (2024) Adipocyte PI3K links adipostasis with baseline insulin secretion at fasting through an adipoincretin effect. *Cell reports*, 43(5), 114132.

Morshed S, et al. (2024) The TSH Receptor Antibody Reactome Contributes to Retro-Orbital Inflammation. *Journal of the Endocrine Society*, 8(12), bvae182.

Zou X, et al. (2024) Hypoxia-inducible factor 2 α promotes pathogenic polarization of stem-like Th2 cells via modulation of phospholipid metabolism. *Immunity*, 57(12), 2808.

Banerjee S, et al. (2024) Neuregulin 1 Signaling Attenuates Tumor Necrosis Factor α -Induced Female Rat Luteal Cell Death. *Endocrinology*, 165(11).

Chen W, et al. (2024) Zdhhc1- and Zdhhc2-mediated Gpm6a palmitoylation is essential for maintenance of mammary stem cell activity. *Cell reports*, 43(9), 114762.

Pasula MB, et al. (2024) Sex-dimorphic effects of glucose transporter-2 gene knockdown on hypothalamic primary astrocyte phosphoinositide-3-kinase (PI3K)/protein kinase B (PKB/Akt)/mammalian target of rapamycin (mTOR) cascade protein expression and phosphorylation. *Molecular and cellular endocrinology*, 593, 112341.