

Resource Summary Report

Generated by [RRID](#) on Aug 4, 2026

PI3 Kinase Class III (D9A5) Rabbit mAb

RRID:AB_2299765

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 4263, RRID:AB_2299765

Antibody Information

URL: http://antibodyregistry.org/AB_2299765

Proper Citation: Cell Signaling Technology Cat# 4263, RRID:AB_2299765

Target Antigen: PI3 Kinase Class III

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: PI3 Kinase Class III (D9A5) Rabbit mAb

Description: This monoclonal targets PI3 Kinase Class III

Target Organism: monkey, rat, mouse, human

Clone ID: D9A5

Antibody ID: AB_2299765

Vendor: Cell Signaling Technology

Catalog Number: 4263

Alternative Catalog Numbers: 4263S

Record Creation Time: 20250820T055050+0000

Record Last Update: 20250820T223653+0000

Ratings and Alerts

No rating or validation information has been found for PI3 Kinase Class III (D9A5) Rabbit mAb.

No alerts have been found for PI3 Kinase Class III (D9A5) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Liu GT, et al. (2022) Endosomal phosphatidylinositol 3-phosphate controls synaptic vesicle cycling and neurotransmission. The EMBO journal, 41(9), e109352.

Wang YT, et al. (2022) K48/K63-linked polyubiquitination of ATG9A by TRAF6 E3 ligase regulates oxidative stress-induced autophagy. Cell reports, 38(8), 110354.

Lai KY, et al. (2021) LanCLs add glutathione to dehydroamino acids generated at phosphorylated sites in the proteome. Cell, 184(10), 2680.

Miao G, et al. (2021) ORF3a of the COVID-19 virus SARS-CoV-2 blocks HOPS complex-mediated assembly of the SNARE complex required for autolysosome formation. Developmental cell, 56(4), 427.

Chen D, et al. (2020) Inositol Polyphosphate Multikinase Inhibits Liquid-Liquid Phase Separation of TFEB to Negatively Regulate Autophagy Activity. Developmental cell, 55(5), 588.

Miao G, et al. (2020) The ER-Localized Transmembrane Protein TMEM39A/SUSP2 Regulates Autophagy by Controlling the Trafficking of the PtdIns(4)P Phosphatase SAC1. Molecular cell, 77(3), 618.

Sharoar MG, et al. (2019) Sequential formation of different layers of dystrophic neurites in Alzheimer's brains. Molecular psychiatry, 24(9), 1369.

Glatigny M, et al. (2019) Autophagy Is Required for Memory Formation and Reverses Age-Related Memory Decline. Current biology : CB, 29(3), 435.

Zambrano JN, et al. (2019) HUNK Phosphorylates Rubicon to Support Autophagy. International journal of molecular sciences, 20(22).

Song X, et al. (2018) AMPK-Mediated BECN1 Phosphorylation Promotes Ferroptosis by Directly Blocking System Xc- Activity. Current biology : CB, 28(15), 2388.

Thomas HE, et al. (2018) Mitochondrial Complex I Activity Is Required for Maximal Autophagy. Cell reports, 24(9), 2404.

Zhao YG, et al. (2018) The ER Contact Proteins VAPA/B Interact with Multiple Autophagy Proteins to Modulate Autophagosome Biogenesis. *Current biology : CB*, 28(8), 1234.

Cunha LD, et al. (2018) LC3-Associated Phagocytosis in Myeloid Cells Promotes Tumor Immune Tolerance. *Cell*, 175(2), 429.

Qian X, et al. (2017) Phosphoglycerate Kinase 1 Phosphorylates Beclin1 to Induce Autophagy. *Molecular cell*, 65(5), 917.

Chaudhari A, et al. (2017) Hepatic deletion of p110 α and p85 α results in insulin resistance despite sustained IRS1-associated phosphatidylinositol kinase activity. *FASEB J*, 31(10), 1600.

Zhao YG, et al. (2017) The ER-Localized Transmembrane Protein EPG3/VMP1 Regulates SERCA Activity to Control ER-Isolation Membrane Contacts for Autophagosome Formation. *Molecular cell*, 67(6), 974.