Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 18, 2025

Anti-PtdIns (4,5)P2 Antibody, Unconjugated

RRID:AB_427225
Type: Antibody

Proper Citation

(Echelon Biosciences Cat# Z-P045, RRID:AB_427225)

Antibody Information

URL: http://antibodyregistry.org/AB_427225

Proper Citation: (Echelon Biosciences Cat# Z-P045, RRID:AB_427225)

Target Antigen: PtdIns (4,5)P2

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: ELISA, Immunofluorescence, Protein-Lipid Overlay (PIP Strip)

Antibody Name: Anti-PtdIns (4,5)P2 Antibody, Unconjugated

Description: This monoclonal targets PtdIns (4,5)P2

Clone ID: 2C11

Antibody ID: AB_427225

Vendor: Echelon Biosciences

Catalog Number: Z-P045

Record Creation Time: 20231110T044534+0000

Record Last Update: 20241114T235331+0000

Ratings and Alerts

No rating or validation information has been found for Anti-PtdIns (4,5)P2 Antibody, Unconjugated.

No alerts have been found for Anti-PtdIns (4,5)P2 Antibody, Unconjugated.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Petersen EN, et al. (2024) Mechanical activation of TWIK-related potassium channel by nanoscopic movement and rapid second messenger signaling. eLife, 12.

Hendricks EL, et al. (2022) The CD63 homologs, Tsp42Ee and Tsp42Eg, restrict endocytosis and promote neurotransmission through differential regulation of synaptic vesicle pools. Frontiers in cellular neuroscience, 16, 957232.

Ravi A, et al. (2021) PI5P4Ks drive metabolic homeostasis through peroxisome-mitochondria interplay. Developmental cell, 56(11), 1661.

Jacob RS, et al. (2021) ?-Synuclein plasma membrane localization correlates with cellular phosphatidylinositol polyphosphate levels. eLife, 10.

Wang H, et al. (2019) ORP2 Delivers Cholesterol to the Plasma Membrane in Exchange for Phosphatidylinositol 4, 5-Bisphosphate (PI(4,5)P2). Molecular cell, 73(3), 458.

Zhong W, et al. (2019) ORP4L Extracts and Presents PIP2 from Plasma Membrane for PLC?3 Catalysis: Targeting It Eradicates Leukemia Stem Cells. Cell reports, 26(8), 2166.

Ventimiglia LN, et al. (2018) CC2D1B Coordinates ESCRT-III Activity during the Mitotic Reformation of the Nuclear Envelope. Developmental cell, 47(5), 547.