

Resource Summary Report

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Phospho-PLC 1 (Tyr783) Antibody

RRID:AB_330855

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2821, RRID:AB_330855)

Antibody Information

URL: http://antibodyregistry.org/AB_330855

Proper Citation: (Cell Signaling Technology Cat# 2821, RRID:AB_330855)

Target Antigen: PLC gamma 1, phospho (Tyr783)

Clonality: unknown

Comments: Applications: W, F. Consolidation on 11/2018: AB_10078669, AB_10104706, AB_10839256, AB_2163703, AB_330855.

Antibody Name: Phospho-PLC 1 (Tyr783) Antibody

Description: This unknown targets PLC gamma 1, phospho (Tyr783)

Target Organism: rat, mouse, human

Antibody ID: AB_330855

Vendor: Cell Signaling Technology

Catalog Number: 2821

Record Creation Time: 20241016T231753+0000

Record Last Update: 20241017T002432+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-PLC 1 (Tyr783) Antibody.

No alerts have been found for Phospho-PLC 1 (Tyr783) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 23 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Chopra S, et al. (2024) DEP-1 is a brain insulin receptor phosphatase that prevents the simultaneous activation of counteracting metabolic pathways. *Cell reports*, 43(12), 114984.

Ren Z, et al. (2024) Transient hydroxycholesterol treatment restrains TCR signaling to promote long-term immunity. *Cell chemical biology*, 31(5), 920.

Cong J, et al. (2024) Bile acids modified by the intestinal microbiota promote colorectal cancer growth by suppressing CD8+ T cell effector functions. *Immunity*.

Park CS, et al. (2024) Fam49b dampens TCR signal strength to regulate survival of positively selected thymocytes and peripheral T cells. *eLife*, 13.

Fu T, et al. (2023) Mechanotransduction via endothelial adhesion molecule CD31 initiates transmigration and reveals a role for VEGFR2 in diapedesis. *Immunity*, 56(10), 2311.

Wu L, et al. (2023) CD28-CAR-T cell activation through FYN kinase signaling rather than LCK enhances therapeutic performance. *Cell reports. Medicine*, 4(2), 100917.

Leca J, et al. (2023) IDH2 and TET2 mutations synergize to modulate T Follicular Helper cell functional interaction with the AITL microenvironment. *Cancer cell*, 41(2), 323.

Pandey HS, et al. (2022) Coronin 1A facilitates calcium mobilization and promotes astrocyte reactivity in HIV-1 neuropathogenesis. *FASEB bioAdvances*, 4(4), 254.

Wu Q, et al. (2022) EGFR Inhibition Potentiates FGFR Inhibitor Therapy and Overcomes Resistance in FGFR2 Fusion-Positive Cholangiocarcinoma. *Cancer discovery*, 12(5), 1378.

Lin CC, et al. (2022) Receptor tyrosine kinases regulate signal transduction through a liquid-liquid phase separated state. *Molecular cell*, 82(6), 1089.

Abu-Odeh M, et al. (2021) FGF21 promotes thermogenic gene expression as an autocrine factor in adipocytes. *Cell reports*, 35(13), 109331.

Guha J, et al. (2021) Disc Large Homolog 1 Is Critical for Early T Cell Receptor Micro Cluster Formation and Activation in Human T Cells. *Vaccines*, 9(12).

Sadras T, et al. (2021) Developmental partitioning of SYK and ZAP70 prevents autoimmunity and cancer. *Molecular cell*, 81(10), 2094.

Chen Z, et al. (2021) Interleukin-33 Promotes Serotonin Release from Enterochromaffin Cells for Intestinal Homeostasis. *Immunity*, 54(1), 151.

Kim S, et al. (2021) Regulation of positive and negative selection and TCR signaling during thymic T cell development by capicua. *eLife*, 10.

Wang Q, et al. (2020) Optical control of ERK and AKT signaling promotes axon regeneration and functional recovery of PNS and CNS in *Drosophila*. *eLife*, 9.

Koundouros N, et al. (2020) Metabolic Fingerprinting Links Oncogenic PIK3CA with Enhanced Arachidonic Acid-Derived Eicosanoids. *Cell*, 181(7), 1596.

Fernández-García S, et al. (2020) Astrocytic BDNF and TrkB regulate severity and neuronal activity in mouse models of temporal lobe epilepsy. *Cell death & disease*, 11(6), 411.

Liao S, et al. (2019) Tanshinol borneol ester, a novel synthetic small molecule angiogenesis stimulator inspired by botanical formulations for angina pectoris. *British journal of pharmacology*, 176(17), 3143.

Khamo JS, et al. (2019) Optogenetic Delineation of Receptor Tyrosine Kinase Subcircuits in PC12 Cell Differentiation. *Cell chemical biology*, 26(3), 400.