

Resource Summary Report

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Phospho-Syk (Tyr525/526) (C87C1) Rabbit mAb

RRID:AB_2197222

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 2710, RRID:AB_2197222)

Antibody Information

URL: http://antibodyregistry.org/AB_2197222

Proper Citation: (Cell Signaling Technology Cat# 2710, RRID:AB_2197222)

Target Antigen: Phospho-Syk (Tyr525/526)

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F. Consolidation: AB_10234892.

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Phospho-Syk (Tyr525/526) (C87C1) Rabbit mAb

Description: This monoclonal targets Phospho-Syk (Tyr525/526)

Target Organism: Human, Rat, Mouse

Clone ID: C87C1

Defining Citation: [PMID:27693350](#)

Antibody ID: AB_2197222

Vendor: Cell Signaling Technology

Catalog Number: 2710

Alternative Catalog Numbers: 2710S, 2710P

Record Creation Time: 20231110T075426+0000

Record Last Update: 20241115T090607+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development
<https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Phospho-Syk (Tyr525/526) (C87C1) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Bhusal A, et al. (2024) The microglial innate immune protein PGLYRP1 mediates neuroinflammation and consequent behavioral changes. Cell reports, 43(3), 113813.

Shrivastava G, et al. (2024) Aedes aegypti saliva modulates inflammasome activation and facilitates flavivirus infection in vitro. iScience, 27(1), 108620.

Wang Q, et al. (2024) Galectin-3 induces pathogenic immunosuppressive macrophages through interaction with TREM2 in lung cancer. Journal of experimental & clinical cancer research : CR, 43(1), 224.

Wang J, et al. (2024) Dynamic palmitoylation of STX11 controls injury-induced fatty acid uptake to promote muscle regeneration. Developmental cell, 59(3), 384.

Chen T, et al. (2023) The nucleotide receptor STING translocates to the phagosomes to negatively regulate anti-fungal immunity. Immunity, 56(8), 1727.

Guan F, et al. (2023) GSDMA3 deficiency reprograms cellular metabolism and modulates BCR signaling in murine B cells. iScience, 26(8), 107341.

Henry CM, et al. (2023) SYK ubiquitination by CBL E3 ligases restrains cross-presentation of dead cell-associated antigens by type 1 dendritic cells. *Cell reports*, 42(12), 113506.

Li L, et al. (2023) Asebogenin suppresses thrombus formation via inhibition of Syk phosphorylation. *British journal of pharmacology*, 180(3), 287.

Oh S, et al. (2022) Pathogen size alters C-type lectin receptor signaling in dendritic cells to influence CD4 Th9 cell differentiation. *Cell reports*, 38(13), 110567.

Schrottmaier WC, et al. (2022) Platelet p110 γ mediates platelet-leukocyte interaction and curtails bacterial dissemination in pneumococcal pneumonia. *Cell reports*, 41(6), 111614.

Sevdali E, et al. (2022) BAFFR activates PI3K/AKT signaling in human naive but not in switched memory B cells through direct interactions with B cell antigen receptors. *Cell reports*, 39(13), 111019.

Liu X, et al. (2022) CD16+ fibroblasts foster a trastuzumab-refractory microenvironment that is reversed by VAV2 inhibition. *Cancer cell*, 40(11), 1341.

Shaik GM, et al. (2022) Pentacyclic triterpenoid ursolic acid interferes with mast cell activation via a lipid-centric mechanism affecting Fc γ RI signalosome functions. *The Journal of biological chemistry*, 298(11), 102497.

Chang Y, et al. (2022) Engineering chimeric antigen receptor neutrophils from human pluripotent stem cells for targeted cancer immunotherapy. *Cell reports*, 40(3), 111128.

Tanishita Y, et al. (2022) Listeria toxin promotes phosphorylation of the inflammasome adaptor ASC through Lyn and Syk to exacerbate pathogen expansion. *Cell reports*, 38(8), 110414.

Alam A, et al. (2022) Fungal mycobiome drives IL-33 secretion and type 2 immunity in pancreatic cancer. *Cancer cell*, 40(2), 153.

Hunto ST, et al. (2020) Loratadine, an antihistamine drug, exhibits anti-inflammatory activity through suppression of the NF- κ B pathway. *Biochemical pharmacology*, 177, 113949.

Martínez-López M, et al. (2019) Microbiota Sensing by Mincle-Syk Axis in Dendritic Cells Regulates Interleukin-17 and -22 Production and Promotes Intestinal Barrier Integrity. *Immunity*, 50(2), 446.

Gui F, et al. (2019) A non-covalent inhibitor XMU-MP-3 overrides ibrutinib-resistant BtkC481S mutation in B-cell malignancies. *British journal of pharmacology*, 176(23), 4491.

Chiche J, et al. (2019) GAPDH Expression Predicts the Response to R-CHOP, the Tumor Metabolic Status, and the Response of DLBCL Patients to Metabolic Inhibitors. *Cell metabolism*, 29(6), 1243.