

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 19, 2025

Syk (D3Z1E) XP Rabbit Antibody

RRID:AB_2687924

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 13198, RRID:AB_2687924)

Antibody Information

URL: http://antibodyregistry.org/AB_2687924

Proper Citation: (Cell Signaling Technology Cat# 13198, RRID:AB_2687924)

Target Antigen: Syk

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, F

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: Syk (D3Z1E) XP Rabbit Antibody

Description: This monoclonal targets Syk

Target Organism: rat, mouse, human

Clone ID: D3Z1E

Antibody ID: AB_2687924

Vendor: Cell Signaling Technology

Catalog Number: 13198

Alternative Catalog Numbers: 13198S

Record Creation Time: 20231110T034040+0000

Record Last Update: 20240725T042251+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 Syk (D3Z1E) XP Rabbit 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](#).

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

Shen T, et al. (2024) TREM-1 mediates interaction between substantia nigra microglia and peripheral neutrophils. *Neural regeneration research*, 19(6), 1375.

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

Yin T, et al. (2024) Functional BRI2-TREM2 interactions in microglia: implications for Alzheimer's and related dementias. *EMBO reports*, 25(3), 1326.

Alshafie W, et al. (2023) Identification of high-performing antibodies for tyrosine-protein kinase SYK for use in Western Blot, immunoprecipitation and immunofluorescence. *F1000Research*, 12, 1222.

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

Benadda S, et al. (2023) Activating Fc γ R function depends on endosomal-signaling platforms. *iScience*, 26(7), 107055.

Wang X, et al. (2023) Prolonged hypernutrition impairs TREM2-dependent efferocytosis to license chronic liver inflammation and NASH development. *Immunity*, 56(1), 58.

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.

Scheich S, et al. (2023) Targeting N-linked Glycosylation for the Therapy of Aggressive Lymphomas. *Cancer discovery*, 13(8), 1862.

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.

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

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

Wang S, et al. (2022) TREM2 drives microglia response to amyloid- β via SYK-dependent and -independent pathways. *Cell*, 185(22), 4153.

Ennerfelt H, et al. (2022) SYK coordinates neuroprotective microglial responses in neurodegenerative disease. *Cell*, 185(22), 4135.

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

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

Liu H, et al. (2021) Modeling human retinoblastoma using embryonic stem cell-derived retinal organoids. *STAR protocols*, 2(2), 100444.

M Gagné L, et al. (2021) Tyrosine phosphorylation of DEPTOR functions as a molecular switch to activate mTOR signaling. *The Journal of biological chemistry*, 297(5), 101291.