

Resource Summary Report

Generated by [RRID](#) on Sep 2, 2026

Phospho-Zap-70 (Tyr319)/Syk (Tyr352) Antibody

RRID:AB_331600

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2701, RRID:AB_331600

Antibody Information

URL: http://antibodyregistry.org/AB_331600

Proper Citation: Cell Signaling Technology Cat# 2701, RRID:AB_331600

Target Antigen: Phospho-Zap-70 (Tyr319)/Syk (Tyr352)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IF-IC, F. Consolidation on 11/2018: AB_10077545, AB_10078329, AB_10829464, AB_331600, AB_331601.

Antibody Name: Phospho-Zap-70 (Tyr319)/Syk (Tyr352) Antibody

Description: This polyclonal targets Phospho-Zap-70 (Tyr319)/Syk (Tyr352)

Target Organism: b, c, dg, rat, hm, hamster, porcine, h, canine, hr, m, horse, mouse, r, pg, bovine, human, mk

Antibody ID: AB_331600

Vendor: Cell Signaling Technology

Catalog Number: 2701

Record Creation Time: 20250819T233811+0000

Record Last Update: 20250820T055709+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Zap-70 (Tyr319)/Syk (Tyr352) Antibody.

No alerts have been found for Phospho-Zap-70 (Tyr319)/Syk (Tyr352) Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Zhao R, et al. (2026) T cell polarization and NFAT activation are stiffness dependent and differentially regulated by the channels PIEZO1 and ORAI1. Science signaling, 19(922), eadt9566.

Jelcic I, et al. (2025) T-bet+ CXCR3+ B cells drive hyperreactive B-T cell interactions in multiple sclerosis. Cell reports. Medicine, 6(3), 102027.

Longo J, et al. (2025) Glucose-dependent glycosphingolipid biosynthesis fuels CD8+ T cell function and tumor control. Cell metabolism, 37(9), 1890.

Pham-Danis C, et al. (2025) Restoration of LAT activity improves CAR T cell sensitivity and persistence in response to antigen-low acute lymphoblastic leukemia. Cancer cell, 43(3), 482.

Saleem SK, et al. (2025) JNK1 inhibitors target distal B cell receptor signaling and overcome BTK-inhibitor resistance in CLL. The Journal of experimental medicine, 222(1).

Xie M, et al. (2025) Tumor-resident probiotic Clostridium butyricum improves aPD-1 efficacy in colorectal cancer models by inhibiting IL-6-mediated immunosuppression. Cancer cell.

Chen C, et al. (2024) Soluble Tim-3 serves as a tumor prognostic marker and therapeutic target for CD8+ T cell exhaustion and anti-PD-1 resistance. Cell reports. Medicine, 5(8), 101686.

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

Otsuka S, et al. (2024) Calcineurin is an adaptor required for assembly of the TCR signaling complex. Cell reports, 43(8), 114568.

Cheng J, et al. (2023) Cancer-cell-derived fumarate suppresses the anti-tumor capacity of CD8+ T cells in the tumor microenvironment. Cell metabolism, 35(6), 961.

Xu K, et al. (2021) Glycolytic ATP fuels phosphoinositide 3-kinase signaling to support effector T helper 17 cell responses. *Immunity*, 54(5), 976.

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

Strazza M, et al. (2021) Transmembrane adaptor protein PAG is a mediator of PD-1 inhibitory signaling in human T cells. *Communications biology*, 4(1), 672.

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).

Wu W, et al. (2020) Multiple Signaling Roles of CD3 ζ and Its Application in CAR-T Cell Therapy. *Cell*, 182(4), 855.

Sun C, et al. (2020) THEMIS-SHP1 Recruitment by 4-1BB Tunes LCK-Mediated Priming of Chimeric Antigen Receptor-Redirected T Cells. *Cancer cell*, 37(2), 216.

Bode K, et al. (2019) Dectin-1 Binding to Annexins on Apoptotic Cells Induces Peripheral Immune Tolerance via NADPH Oxidase-2. *Cell reports*, 29(13), 4435.

Luo W, et al. (2018) B Cell Receptor and CD40 Signaling Are Rewired for Synergistic Induction of the c-Myc Transcription Factor in Germinal Center B Cells. *Immunity*, 48(2), 313.

Smith LK, et al. (2018) Interleukin-10 Directly Inhibits CD8 $^{+}$ T Cell Function by Enhancing N-Glycan Branching to Decrease Antigen Sensitivity. *Immunity*, 48(2), 299.