

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

Zap-70 (D1C10E) XP(tm) Rabbit mAb

RRID:AB_2218656

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3165, RRID:AB_2218656

Antibody Information

URL: http://antibodyregistry.org/AB_2218656

Proper Citation: Cell Signaling Technology Cat# 3165, RRID:AB_2218656

Target Antigen: Zap-70

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, IF-IC, F. Consolidation on 10/2018: AB_10235596, AB_10828117, AB_2218656.

Antibody Name: Zap-70 (D1C10E) XP(tm) Rabbit mAb

Description: This monoclonal targets Zap-70

Target Organism: mouse, human

Clone ID: Clone D1C10E

Antibody ID: AB_2218656

Vendor: Cell Signaling Technology

Catalog Number: 3165

Record Creation Time: 20250819T234309+0000

Record Last Update: 20250820T061220+0000

Ratings and Alerts

No rating or validation information has been found for Zap-70 (D1C10E) XP(tm) Rabbit mAb.

No alerts have been found for Zap-70 (D1C10E) XP(tm) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Deng S, et al. (2024) ITPRIPL1 binds CD3 ζ to impede T cell activation and enable tumor immune evasion. *Cell*, 187(9), 2305.

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.

Tan X, et al. (2023) ERK Inhibition Promotes Engraftment of Allografts by Reprogramming T-Cell Metabolism. *Advanced science* (Weinheim, Baden-Wurttemberg, Germany), e2206768.

Wiede F, et al. (2022) PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. *Cancer discovery*, 12(3), 752.

Braun T, et al. (2022) Noncanonical Function of AGO2 Augments T-cell Receptor Signaling in T-cell Prolymphocytic Leukemia. *Cancer research*, 82(9), 1818.

Zhang H, et al. (2022) TCR activation directly stimulates PYGB-dependent glycogenolysis to fuel the early recall response in CD8 $^{+}$ memory T cells. *Molecular cell*, 82(16), 3077.

Fukushima Y, et al. (2022) cis interaction of CD153 with TCR/CD3 is crucial for the pathogenic activation of senescence-associated T cells. *Cell reports*, 40(12), 111373.

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

Liu X, et al. (2021) Notch-induced endoplasmic reticulum-associated degradation governs mouse thymocyte γ -selection. *eLife*, 10.

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

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.

Bevington SL, et al. (2020) Chromatin Priming Renders T Cell Tolerance-Associated Genes Sensitive to Activation below the Signaling Threshold for Immune Response Genes. *Cell reports*, 31(10), 107748.

Lu Y, et al. (2018) Th9 Cells Represent a Unique Subset of CD4⁺ T Cells Endowed with the Ability to Eradicate Advanced Tumors. *Cancer cell*, 33(6), 1048.

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.

Uchimura T, et al. (2018) The Innate Immune Sensor NLRC3 Acts as a Rheostat that Fine-Tunes T Cell Responses in Infection and Autoimmunity. *Immunity*, 49(6), 1049.

Courtney AH, et al. (2017) A Phosphosite within the SH2 Domain of Lck Regulates Its Activation by CD45. *Molecular cell*, 67(3), 498.