

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

Zap-70 (99F2) Rabbit mAb

RRID:AB_2273231

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 2705, RRID:AB_2273231

Antibody Information

URL: http://antibodyregistry.org/AB_2273231

Proper Citation: Cell Signaling Technology Cat# 2705, RRID:AB_2273231

Target Antigen: Zap-70

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: W, IP, IHC-P, F. Consolidation on 10/2018: AB_10691455, AB_2273231.

Antibody Name: Zap-70 (99F2) Rabbit mAb

Description: This recombinant monoclonal targets Zap-70

Target Organism: mouse, human

Clone ID: 99F2

Antibody ID: AB_2273231

Vendor: Cell Signaling Technology

Catalog Number: 2705

Record Creation Time: 20231110T070235+0000

Record Last Update: 20260829T092509+0000

Ratings and Alerts

No rating or validation information has been found for Zap-70 (99F2) Rabbit mAb.

No alerts have been found for Zap-70 (99F2) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Rainwater RR, et al. (2026) DNA-PKcs controls the cytotoxic T cell response to cancer and transplant allograft through regulating LAT-dependent signaling. *Cell reports*, 45(1), 116796.

Sawada K, et al. (2026) Ambient temperature regulates CD4+ T cell tonic T cell receptor signaling and responsiveness. *iScience*, 29(5), 115801.

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*.

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

Ma K, et al. (2025) Succinate preserves CD8+ T cell fitness to augment antitumor immunity. *Immunity*.

Kim W, et al. (2025) A potent NLRP3 inhibitor effective against both MCC950-sensitive and -resistant inflammation. *Cell chemical biology*.

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

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

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.

Hope JL, et al. (2023) PSGL-1 attenuates early TCR signaling to suppress CD8+ T cell progenitor differentiation and elicit terminal CD8+ T cell exhaustion. *Cell reports*, 42(5), 112436.

Wang Y, et al. (2021) NAD⁺ supplement potentiates tumor-killing function by rescuing defective TUB-mediated NAMPT transcription in tumor-infiltrated T cells. *Cell reports*, 36(6), 109516.

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).

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

Cannons JL, et al. (2021) PI3K γ coordinates transcriptional, chromatin, and metabolic changes to promote effector CD8⁺ T cells at the expense of central memory. *Cell reports*, 37(2), 109804.

Li W, et al. (2020) Chimeric Antigen Receptor Designed to Prevent Ubiquitination and Downregulation Showed Durable Antitumor Efficacy. *Immunity*, 53(2), 456.

Celis-Gutierrez J, et al. (2019) Quantitative Interactomics in Primary T Cells Provides a Rationale for Concomitant PD-1 and BTLA Coinhibitor Blockade in Cancer Immunotherapy. *Cell reports*, 27(11), 3315.

Ng PK, et al. (2018) Systematic Functional Annotation of Somatic Mutations in Cancer. *Cancer cell*, 33(3), 450.