

Resource Summary Report

Generated by PRECISE-TBI on Aug 19, 2026

Stat3 (pY705)

RRID:AB_399860

Type: Antibody

Proper Citation

BD Biosciences Cat# 612569, RRID:AB_399860

Antibody Information

URL: http://antibodyregistry.org/AB_399860

Proper Citation: BD Biosciences Cat# 612569, RRID:AB_399860

Target Antigen: Stat3 (pY705)

Host Organism: mouse

Clonality: monoclonal

Comments: Intracellular staining (flow Cytotoxicityometry)

Antibody Name: Stat3 (pY705)

Description: This monoclonal targets Stat3 (pY705)

Target Organism: mouse, human

Antibody ID: AB_399860

Vendor: BD Biosciences

Catalog Number: 612569

Record Creation Time: 20250820T005052+0000

Record Last Update: 20250820T092123+0000

Ratings and Alerts

No rating or validation information has been found for Stat3 (pY705).

No alerts have been found for Stat3 (pY705).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Dattachoudhury S, et al. (2026) Downregulation of PIEZO1 Activity Promotes Breast Cancer Cell Survival under Shear Stress by Modulating β -Catenin and BCL2. Cancer research communications, 6(7), 1557.

Shimba A, et al. (2025) Stress-induced glucocorticoids enhance acute inflammation by promoting the differentiation of Th17 cells. Cell reports, 44(8), 116093.

Wang L, et al. (2025) CD70-targeted iPSC-derived CAR-NK cells display potent function against tumors and alloreactive T cells. Cell reports. Medicine, 6(1), 101889.

Xiong L, et al. (2025) Acute exposure to high-fat diet impairs ILC3 functions and gut homeostasis. Immunity, 58(5), 1185.

Tuomela K, et al. (2025) TYK2 inhibition enhances Treg differentiation and function while preventing Th1 and Th17 differentiation. Cell reports. Medicine, 6(9), 102303.

Kerner G, et al. (2023) Genetic adaptation to pathogens and increased risk of inflammatory disorders in post-Neolithic Europe. Cell genomics, 3(2), 100248.

Fike AJ, et al. (2023) STAT3 signaling in B cells controls germinal center zone organization and recycling. Cell reports, 42(5), 112512.

Bohlen J, et al. (2023) Human MCTS1-dependent translation of JAK2 is essential for IFN- γ immunity to mycobacteria. Cell, 186(23), 5114.

Wilson AS, et al. (2022) Neutrophil extracellular traps and their histones promote Th17 cell differentiation directly via TLR2. Nature communications, 13(1), 528.

Wang ZH, et al. (2019) Deficiency in BDNF/TrkB Neurotrophic Activity Stimulates β -Secretase by Upregulating C/EBP β in Alzheimer's Disease. Cell reports, 28(3), 655.

Shen E, et al. (2019) Control of Germinal Center Localization and Lineage Stability of Follicular Regulatory T Cells by the Blimp1 Transcription Factor. Cell reports, 29(7), 1848.

Xu M, et al. (2018) An Interleukin-25-Mediated Autoregulatory Circuit in Keratinocytes Plays a Pivotal Role in Psoriatic Skin Inflammation. Immunity, 48(4), 787.

Meyer Zu Horste G, et al. (2018) Fas Promotes T Helper 17 Cell Differentiation and Inhibits T Helper 1 Cell Development by Binding and Sequestering Transcription Factor STAT1. Immunity, 48(3), 556.