

Resource Summary Report

Generated by [dkNET](#) on Jul 30, 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, phospho (Tyr705)

Host Organism: mouse

Clonality: monoclonal

Comments: Intracellular staining (flow Cytotoxicityometry)

Antibody Name: Stat3 (pY705)

Description: This monoclonal targets Stat3, phospho (Tyr705)

Target Organism: mouse, human

Clone ID: 4/P-STAT3

Antibody ID: AB_399860

Vendor: BD Biosciences

Catalog Number: 612569

Record Creation Time: 20250819T231947+0000

Record Last Update: 20250820T050013+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 12 mentions in open access literature.

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

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.

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

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

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.