Resource Summary Report

Generated by RRID on Aug 4, 2026

Phospho-Stat3 (Ser727) Antibody

RRID:AB_331589
Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 9134, RRID:AB_331589

Antibody Information

URL: http://antibodyregistry.org/AB_331589

Proper Citation: Cell Signaling Technology Cat# 9134, RRID:AB_331589

Target Antigen: Phospho-Stat3 (Ser727)

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: W, IP, ChIP. Consolidation on 10/2018: AB_10078146, AB_10828368, AB_331589, AB_331590.
Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: Phospho-Stat3 (Ser727) Antibody

Description: This polyclonal targets Phospho-Stat3 (Ser727)

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

Antibody ID: AB_331589

Vendor: Cell Signaling Technology

Catalog Number: 9134

Record Creation Time: 20250820T004646+0000

Record Last Update: 20250820T091105+0000

Ratings and Alerts

- Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development

No alerts have been found for Phospho-Stat3 (Ser727) Antibody.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 56 mentions in open access literature.

Listed below are recent publications. The full list is available at RRID .

Zhu YP, et al. (2025) TNFSF15 alleviates myeloid-derived suppressor cell-mediated cancer immunosuppression in mice. Acta pharmacologica Sinica.

Bernal S, et al. (2025) Development of SOCS1 mimetics as novel approach to harmonize inflammation, oxidative stress, and fibrogenesis in metabolic dysfunction-associated steatotic liver disease. Redox biology, 84, 103670.

Chen H, et al. (2025) DAP12 deletion reduces neuronal SLIT2 and demyelination and enhances brain resilience in female tauopathy mice. Molecular neurodegeneration, 20(1), 124.

Elder AM, et al. (2025) Semaphorin7A and PD-L1 cooperatively drive immunosuppression during mammary involution and breast cancer. Cell reports, 44(5), 115676.

Yang L, et al. (2025) Hepatocyte metabolic adaptations during pregnancy and lactation. Cell.

Desmarais F, et al. (2025) A New Synthetic Analogue of Protectin DX With Enhanced Therapeutic Potential Against Metabolic-Associated Steatotic Liver Disease. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 39(20), e71172.

Bancet A, et al. (2024) Cancer selective cell death induction by a bivalent CK2 inhibitor targeting the ATP site and the allosteric ?D pocket. iScience, 27(2), 108903.

Zarco N, et al. (2024) Resistance to spindle inhibitors in glioblastoma depends on STAT3 and therapy induced senescence. iScience, 27(12), 111311.

Zhang K, et al. (2024) VISTA promotes the metabolism and differentiation of myeloid-derived suppressor cells by STAT3 and polyamine-dependent mechanisms. Cell reports,

43(1), 113661.

Tang GX, et al. (2024) Mitochondrial RelA empowers mtDNA G-quadruplex formation for hypoxia adaptation in cancer cells. Cell chemical biology, 31(10), 1800.

Wang Y, et al. (2024) Discovery of galectin-8 as an LILRB4 ligand driving M-MDSCs defines a class of antibodies to fight solid tumors. Cell reports. Medicine, 5(1), 101374.

Cao T, et al. (2024) Cancer SLC6A6-mediated taurine uptake transactivates immune checkpoint genes and induces exhaustion in CD8+ T cells. Cell, 187(9), 2288.

Toh SY, et al. (2024) Therapeutic application of extracellular vesicular EGFR isoform D as a co-drug to target squamous cell cancers with tyrosine kinase inhibitors. Developmental cell, 59(16), 2189.

Bergkamp ND, et al. (2023) A virally encoded GPCR drives glioblastoma through feed-forward activation of the SK1-S1P1 signaling axis. Science signaling, 16(798), eade6737.

Meharwade T, et al. (2023) Cross-activation of FGF, NODAL, and WNT pathways constrains BMP-signaling-mediated induction of the totipotent state in mouse embryonic stem cells. Cell reports, 42(5), 112438.

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

Szanda G, et al. (2023) Cannabinoid receptor type 1 (CB1R) inhibits hypothalamic leptin signaling via ?-arrestin1 in complex with TC-PTP and STAT3. iScience, 26(7), 107207.

Yu L, et al. (2023) Large-scale production of human blastoids amenable to modeling blastocyst development and maternal-fetal cross talk. Cell stem cell, 30(9), 1246.

Efthymiou V, et al. (2023) Inhibition of AXL receptor tyrosine kinase enhances brown adipose tissue functionality in mice. Nature communications, 14(1), 4162.

Opazo-Ríos L, et al. (2022) Meta-Inflammation and De Novo Lipogenesis Markers Are Involved in Metabolic Associated Fatty Liver Disease Progression in BTBR ob/ob Mice. International journal of molecular sciences, 23(7).