

Resource Summary Report

Generated by [RRID](#) on Aug 2, 2026

Stat6 (D3H4) Rabbit mAb

RRID:AB_11220421

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5397, RRID:AB_11220421

Antibody Information

URL: http://antibodyregistry.org/AB_11220421

Proper Citation: Cell Signaling Technology Cat# 5397, RRID:AB_11220421

Target Antigen: Stat6 (D3H4) Rabbit mAb

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP, ChIP

Antibody Name: Stat6 (D3H4) Rabbit mAb

Description: This monoclonal targets Stat6 (D3H4) Rabbit mAb

Target Organism: b, dg, rat, porcine, h, nonhuman primate, canine, m, mouse, r, pg, bovine, human, mk

Antibody ID: AB_11220421

Vendor: Cell Signaling Technology

Catalog Number: 5397

Record Creation Time: 20250819T233026+0000

Record Last Update: 20250820T053259+0000

Ratings and Alerts

No rating or validation information has been found for Stat6 (D3H4) Rabbit mAb.

No alerts have been found for Stat6 (D3H4) Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 28 mentions in open access literature.

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

Perez-Quintero LA, et al. (2025) Uncovering the individual immunotherapeutic roles of PTPN1 and PTPN2 in T cells during dual inhibition. *iScience*, 28(10), 113610.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. *Cancer cell*, 43(2), 269.

Chiu PH, et al. (2025) Therapeutic stress triggers tumor STAT1 acetylation to disarm immunotherapy. *Cell reports. Medicine*, 6(11), 102448.

Jiang Y, et al. (2025) Phosphatase PHLPP1 is an alveolar-macrophage-intrinsic transcriptional checkpoint controlling pulmonary fibrosis. *Cell reports*, 44(3), 115399.

Gu D, et al. (2025) Stress-induced pro-inflammatory glioblastoma stem cells secrete TNFAIP6 to enhance tumor growth and induce suppressive macrophages. *Developmental cell*.

Martínez Villarreal A, et al. (2025) Memory T-Cell Phenotype in Cutaneous T-Cell Lymphoma Is Modified by Germline Gene Gametocyte Specific Factor 1. *Experimental dermatology*, 34(5), e70123.

Liu ZY, et al. (2025) Efflux of N1-acetylspermidine from hepatoma fosters macrophage-mediated immune suppression to dampen immunotherapeutic efficacy. *Immunity*, 58(6), 1572.

Kulkarni AJ, et al. (2025) L-Phenylalanine is a metabolic checkpoint of human Th2 cells. *Cell reports. Medicine*, 6(12), 102466.

Xiao J, et al. (2024) 25-Hydroxycholesterol regulates lysosome AMP kinase activation and metabolic reprogramming to educate immunosuppressive macrophages. *Immunity*, 57(5), 1087.

Zhou Z, et al. (2024) Type 2 cytokine signaling in macrophages protects from cellular senescence and organismal aging. *Immunity*, 57(3), 513.

Zhang C, et al. (2024) Secreted PTEN binds PLXDC2 on macrophages to drive antitumor immunity and tumor suppression. *Developmental cell*, 59(23), 3072.

Song Z, et al. (2023) Cyclo (MQCNS) has the potential to treat ischemic stroke. *Neural regeneration research*, 18(11), 2429.

Shang M, et al. (2023) MTHFD2 reprograms macrophage polarization by inhibiting PTEN. *Cell reports*, 42(5), 112481.

Al-Jazrawe M, et al. (2023) CD142 Identifies Neoplastic Desmoid Tumor Cells, Uncovering Interactions Between Neoplastic and Stromal Cells That Drive Proliferation. *Cancer research communications*, 3(4), 697.

Butterworth S, et al. (2023) High-throughput identification of *Toxoplasma gondii* effector proteins that target host cell transcription. *Cell host & microbe*, 31(10), 1748.

Liao W, et al. (2023) Calcaratarin D, a labdane diterpenoid, attenuates mouse asthma via modulating alveolar macrophage function. *British journal of pharmacology*, 180(8), 1056.

Dang B, et al. (2023) The glycolysis/HIF-1 α axis defines the inflammatory role of IL-4-primed macrophages. *Cell reports*, 42(5), 112471.

Zhao M, et al. (2022) Epithelial STAT6 O-GlcNAcylation drives a concerted anti-helminth alarmin response dependent on tuft cell hyperplasia and Gasdermin C. *Immunity*, 55(4), 623.

Kim H, et al. (2022) STAT6 in mitochondrial outer membrane impairs mitochondrial fusion by inhibiting MFN2 dimerization. *iScience*, 25(9), 104923.

Palomés-Borrajo G, et al. (2022) BET protein inhibition in macrophages enhances dorsal root ganglion neurite outgrowth in female mice. *Journal of neuroscience research*, 100(6), 1331.