

Resource Summary Report

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Phospho-Stat3 (Tyr705) (M9C6) Mouse mAb

RRID:AB_2198588

Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 4113, RRID:AB_2198588)

Antibody Information

URL: http://antibodyregistry.org/AB_2198588

Proper Citation: (Cell Signaling Technology Cat# 4113, RRID:AB_2198588)

Target Antigen: STAT3

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: W, IP, IHC-P, IF-IC, F. Consolidation on 10/2018: AB_10430117, AB_2198588, AB_2198591.

Antibody Name: Phospho-Stat3 (Tyr705) (M9C6) Mouse mAb

Description: This monoclonal targets STAT3

Target Organism: monkey, rat, mouse, human

Clone ID: M9C6

Antibody ID: AB_2198588

Vendor: Cell Signaling Technology

Catalog Number: 4113

Record Creation Time: 20231110T045825+0000

Record Last Update: 20241115T063358+0000

Ratings and Alerts

No rating or validation information has been found for Phospho-Stat3 (Tyr705) (M9C6) Mouse mAb.

No alerts have been found for Phospho-Stat3 (Tyr705) (M9C6) Mouse mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Deng C, et al. (2024) Extracellular-vesicle-packaged S100A11 from osteosarcoma cells mediates lung premetastatic niche formation by recruiting gMDSCs. Cell reports, 43(2), 113751.

Cheemalavagu N, et al. (2024) Predicting gene-level sensitivity to JAK-STAT signaling perturbation using a mechanistic-to-machine learning framework. Cell systems, 15(1), 37.

Guo J, et al. (2024) TNIK drives castration-resistant prostate cancer via phosphorylating EGFR. iScience, 27(1), 108713.

Lv B, et al. (2023) Chlorogenic acid reduces inflammation by inhibiting the elevated expression of KAT2A to ameliorate lipopolysaccharide-induced acute lung injury. British journal of pharmacology.

Hung CN, et al. (2023) AXL-initiated paracrine activation of pSTAT3 enhances mesenchymal and vasculogenic supportive features of tumor-associated macrophages. Cell reports, 42(9), 113067.

Zukowski E, et al. (2023) STAT3 modulates CD4+ T mitochondrial dynamics and function in aging. Aging cell, 22(11), e13996.

Hogan TB, et al. (2022) Caveolin-1 peptide regulates p53-microRNA-34a feedback in fibrotic lung fibroblasts. iScience, 25(4), 104022.

Araki T, et al. (2022) Identification of serum and glucocorticoid-regulated kinase 1 as a regulator of signal transducer and activator of transcription 3 signaling. Experimental cell research, 413(2), 113079.

Kenchappa RS, et al. (2022) Activation of STAT3 through combined SRC and EGFR signaling drives resistance to a mitotic kinesin inhibitor in glioblastoma. Cell reports, 39(12),

110991.

Hailemichael Y, et al. (2022) Interleukin-6 blockade abrogates immunotherapy toxicity and promotes tumor immunity. *Cancer cell*, 40(5), 509.

Chen WY, et al. (2021) Transcriptomics identifies STAT3 as a key regulator of hippocampal gene expression and anhedonia during withdrawal from chronic alcohol exposure. *Translational psychiatry*, 11(1), 298.

Leibinger M, et al. (2021) Transneuronal delivery of hyper-interleukin-6 enables functional recovery after severe spinal cord injury in mice. *Nature communications*, 12(1), 391.

Dong J, et al. (2021) The pro-regenerative effects of hyperIL6 in drug-induced liver injury are unexpectedly due to competitive inhibition of IL11 signaling. *eLife*, 10.

Lo HC, et al. (2020) IL-27/IL-27RA signaling may modulate inflammation and progression of benign prostatic hyperplasia via suppressing the LPS/TLR4 pathway. *Translational cancer research*, 9(8), 4618.

Nakanishi M, et al. (2019) Human Pluripotency Is Initiated and Preserved by a Unique Subset of Founder Cells. *Cell*, 177(4), 910.

Jeong J, et al. (2019) NHERF1 Is Required for Localization of PMCA2 and Suppression of Early Involution in the Female Lactating Mammary Gland. *Endocrinology*, 160(8), 1797.

Poh AR, et al. (2017) Inhibition of Hematopoietic Cell Kinase Activity Suppresses Myeloid Cell-Mediated Colon Cancer Progression. *Cancer cell*, 31(4), 563.

Silva JP, et al. (2016) Epigenomic and metabolic responses of hypothalamic POMC neurons to gestational nicotine exposure in adult offspring. *Genome medicine*, 8(1), 93.