Resource Summary Report

Generated by NIF on Aug 31, 2026

Phospho-Stat3 (Tyr705) (D3A7) XP Rabbit mAb

RRID:AB_2491009
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 9145, RRID:AB_2491009)

Antibody Information

URL: http://antibodyregistry.org/AB_2491009

Proper Citation: (Cell Signaling Technology Cat# 9145, RRID:AB_2491009)

Target Antigen: Phospho-Stat3 (Tyr705)

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, W-S, IP, IHC-Bond, IHC-P, IF-IC, FC-FP, ChIP, ChIP-seq
Consolidation on 9/2016: AB_561305, AB_561307, AB_10140371.
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 (Tyr705) (D3A7) XP Rabbit mAb

Description: This recombinant monoclonal targets Phospho-Stat3 (Tyr705)

Target Organism: monkey, rat, mouse, human

Clone ID: D3A7

Defining Citation: PMID:20017211, PMID:18615534, PMID:9305919

Antibody ID: AB_2491009

Vendor: Cell Signaling Technology

Catalog Number: 9145

Alternative Catalog Numbers: 9145S, 9145L, 9145P

Record Creation Time: 20260415T210725+0000

Record Last Update: 20260828T180003+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 (Tyr705) (D3A7) XP Rabbit mAb.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 561 mentions in open access literature.

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

Yan X, et al. (2026) Activation of T Cell-Intrinsic p53 by Acetylation Elicits Antitumor Immunity to Boost Cancer Immunotherapy. Cancer discovery, 16(1), 155.

Kaur T, et al. (2026) Loss of Regulator of G Protein Signaling 11 Promotes Protumorigenic Features in Pancreatic Cancer. Molecular cancer research : MCR, 24(1), 34.

Walsh C, et al. (2026) GH Alters Lymphatic Vessels in Female Mice and STAT5 Phosphorylation in Human Lymphatic Endothelial Cells. Endocrinology, 167(2).

Abdelfattah N, et al. (2026) Male-biased Yap1-Cd276/B7-H3 axis for immune evasion in medulloblastoma. Cancer cell, 44(4), 760.

Hang JF, et al. (2026) Out-of-frame CBX3::ALK fusion drives ALK activation and therapy response. Cell reports. Medicine, 7(4), 102697.

Duan R, et al. (2026) Hepatocyte PLAGL2 deficiency alleviates MASH through MYD88-licensed inactivation of inflammasome. Cell reports, 45(2), 116942.

Chen B, et al. (2026) BRD4-mediated ER membrane contact creates functionally distinct mitochondrial subtypes. Molecular cell, 86(5), 917.

Zeng B, et al. (2026) HE4 drives PD-L1 expression in myeloid cells via IFN-?R-JAK-STAT3 signaling to promote tumor immune evasion. Cell reports. Medicine, 7(4), 102691.

Mekkaoui Z, et al. (2026) Metformin dual-targets metabolism and survival pathways in BPDCN. iScience, 29(7), 116323.

Abrey-Recalde MJ, et al. (2026) Combining PD-L1 blockade with a second-generation HSP110 inhibitor enhances antitumor immunity in colorectal cancer. Cell death & disease.

Jiang X, et al. (2026) USP20-Driven Cholesterol Metabolism Links Inflammatory Signaling to Malignancy and Stromal Coevolution in Pancreatic Cancer. Cancer research, 86(3), 712.

Manoukian P, et al. (2026) Estrogen Production in Pancreatic Cancer Shapes a Tumor-Suppressive Stromal Microenvironment. Cancer research, 86(3), 571.

Zhang S, et al. (2026) A peritumoral microenvironment engaged by Reg-EXTL3 axis fosters nerve-cancer interactions in pancreatic ductal adenocarcinoma. Neuron.

Liu S, et al. (2026) Cholesterol-Mediated Metabolic-mechanotransductive Crosstalk Orchestrates Castration Resistance in Prostate Cancer. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e75977.

Pei Z, et al. (2026) STAT3 interference-driven nanomodulators reverse lipid metabolism-associated chemoresistance and potentiate metalloimmunotherapy in breast cancer. Cell reports. Medicine, 7(6), 102844.

van der Kammen R, et al. (2026) RNA dicing promotes the expression of an oncogenic JAK1 isoform. Cell reports, 45(4), 117258.

Hao Y, et al. (2026) Circuit Mechanisms Underlying the Contribution of Leptin Receptor-Expressing Neurons in the Nucleus Tractus Solitarius to Ventilatory Homeostasis. Neuroscience bulletin.

Sriramareddy S, et al. (2026) GDF15 Reprograms the Microenvironment to Drive Liver Metastasis of Uveal Melanoma. Cancer research.

Liao F, et al. (2026) Nerves Stimulate Cross-talk Between Gastric Cancer and Group 3 Innate Lymphoid Cells to Enhance Immunosuppression. Cancer research, 86(8), 1968.

Wong JP, et al. (2026) NF-?B and STAT3 signaling uniquely stratify survival in female glioblastoma patients. iScience, 29(2), 114761.