

Resource Summary Report

Generated by [dkNET](#) on Jul 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: 20260422T220517+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 502 mentions in open access literature.

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

Diaz-Jimenez A, et al. (2026) EML4-ALK Variant-Specific Genetic Interactions Shape Lung Tumorigenesis. Cancer discovery, 16(1), 46.

Meitei HT, et al. (2026) CCL20-CCR6 signaling alters the metabolic reprogramming to promote the pathogenic Th17 cell differentiation. iScience, 29(1), 114385.

Guo Y, et al. (2026) Mechanistic diversity of Bacteroides fragilis toxins and neutralization with single domain antibody. Cell chemical biology, 33(1), 102.

Daniele LL, et al. (2026) Selective deletion of Slc2a1 from the RPE reveals that rods but not cones depend on glucose transport across the outer blood-retinal barrier. iScience, 29(1), 114450.

Jalkanen J, et al. (2026) Cytoarchitectural multi-depot profiling reveals immune-metabolic crosstalk in human colon-associated adipose tissue. Cell metabolism.

Li K, et al. (2026) Reversal of diet-induced obesity by central insulin sensitizer FSTL1. Neuron, 114(1), 122.

Xiao L, et al. (2026) Pyrophosphate dysregulation and impaired FGF23/FGFR signaling contributes to impaired matrix mineralization in bone marrow stromal cultures from sickle cell disease mice. Biochemical and biophysical research communications, 796, 153152.

Tang D, et al. (2025) Augment proteasome inhibitor efficacy activates CD8+ T cell-mediated antitumor immunity in breast cancer. *Cell reports. Medicine*, 6(7), 102211.

Kesh K, et al. (2025) Targeting Triple-Negative Breast Cancer with Momordicine-I for Therapeutic Gain in Preclinical Models. *Cancers*, 17(14).

St Pierre L, et al. (2025) Integrated multiomic analysis identifies TRIP13 as a mediator of alveolar epithelial type II cell dysfunction in idiopathic pulmonary fibrosis. *Biochimica et biophysica acta. Molecular basis of disease*, 1871(3), 167572.

Lai P, et al. (2025) Mitochondrial DNA released by senescent tumor cells enhances PMN-MDSC-driven immunosuppression through the cGAS-STING pathway. *Immunity*, 58(4), 811.

Kendra JA, et al. (2025) Time Release Ion Matrix Regenerates Dystrophic Skeletal Muscle. *Research square*.

Oyabu M, et al. (2025) Dnmt3a overexpression disrupts skeletal muscle homeostasis, promotes an aging-like phenotype, and reduces metabolic elasticity. *iScience*, 28(4), 112144.

Shi Y, et al. (2025) Acquired resistance to PD-L1 inhibition enhances a type I IFN-regulated secretory program in tumors. *EMBO reports*, 26(2), 521.

Lemarquis AL, et al. (2025) Recirculating regulatory T cells mediate thymic regeneration through amphiregulin following damage. *Immunity*, 58(2), 397.

Li J, et al. (2025) Organoid modeling reveals the tumorigenic potential of the alveolar progenitor cell state. *The EMBO journal*, 44(6), 1804.

Ziff OJ, et al. (2025) Mutations in PSEN1 predispose inflammation in an astrocyte model of familial Alzheimer's disease through disrupted regulated intramembrane proteolysis. *Molecular neurodegeneration*, 20(1), 73.

Du Y, et al. (2025) GuBenPeiYuan Formula Inhibits Lung Cancer Metastasis by Suppressing Myeloid-Derived Suppressor Cells and Related Immune Cells. *Integrative cancer therapies*, 24, 15347354251324650.

Zhang H, et al. (2025) SOCS2 alleviates traumatic brain injury-induced mitochondrial damage and parthanatos in endothelial cells by inhibiting the JAK2/STAT3 signaling pathway. *Metabolic brain disease*, 40(7), 289.

Harryvan TJ, et al. (2025) TGF β signaling in cancer-associated fibroblasts drives a hepatic gp130-dependent pro-metastatic inflammatory program in colorectal cancer. *iScience*, 28(11), 113696.