

Resource Summary Report

Generated by SPARC SAWG on Aug 17, 2026

Mouse Anti-Stat1, phospho (Tyr701) Monoclonal Antibody, Alexa Fluor?? 488 Conjugated, Clone 4a

RRID:AB_399879

Type: Antibody

Proper Citation

BD Biosciences Cat# 612596, RRID:AB_399879

Antibody Information

URL: http://antibodyregistry.org/AB_399879

Proper Citation: BD Biosciences Cat# 612596, RRID:AB_399879

Target Antigen: Stat1 (pY701)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Intracellular staining (flow cytometry)

Antibody Name: Mouse Anti-Stat1, phospho (Tyr701) Monoclonal Antibody, Alexa Fluor?? 488 Conjugated, Clone 4a

Description: This monoclonal targets Stat1 (pY701)

Target Organism: mouse, human

Clone ID: 4a

Antibody ID: AB_399879

Vendor: BD Biosciences

Catalog Number: 612596

Record Creation Time: 20250820T063824+0000

Record Last Update: 20250821T003544+0000

Ratings and Alerts

No rating or validation information has been found for Mouse Anti-Stat1, phospho (Tyr701) Monoclonal Antibody, Alexa Fluor?? 488 Conjugated, Clone 4a.

No alerts have been found for Mouse Anti-Stat1, phospho (Tyr701) Monoclonal Antibody, Alexa Fluor?? 488 Conjugated, Clone 4a.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Rahman J, et al. (2025) A CD4+ T cell-intrinsic complement C5aR2-prostacyclin-IL-1R2 axis orchestrates Th1 cell contraction. *Immunity*, 58(6), 1438.

Carter MM, et al. (2025) A human milk oligosaccharide alters the microbiome, circulating hormones, and metabolites in a randomized controlled trial of older adults. *Cell reports. Medicine*, 6(8), 102256.

Petrov L, et al. (2025) Rewired type I IFN signaling is linked to age-dependent differences in COVID-19. *Cell reports. Medicine*, 6(8), 102285.

Wang L, et al. (2024) PD-L1-expressing tumor-associated macrophages are immunostimulatory and associate with good clinical outcome in human breast cancer. *Cell reports. Medicine*, 5(2), 101420.

West EE, et al. (2023) Loss of CD4+ T cell-intrinsic arginase 1 accelerates Th1 response kinetics and reduces lung pathology during influenza infection. *Immunity*, 56(9), 2036.

Mise-Omata S, et al. (2023) SOCS3 deletion in effector T cells confers an anti-tumorigenic role of IL-6 to the pro-tumorigenic cytokine. *Cell reports*, 42(8), 112940.

Abhiraman GC, et al. (2023) A structural blueprint for interleukin-21 signal modulation. *Cell reports*, 42(6), 112657.

Akiyama Y, et al. (2023) Th1/17 polarization and potential treatment by an anti-interferon-? DNA aptamer in Hunner-type interstitial cystitis. *iScience*, 26(11), 108262.

Ajouaou Y, et al. (2022) The oxygen sensor prolyl hydroxylase domain 2 regulates the in vivo suppressive capacity of regulatory T cells. *eLife*, 11.

Adlung L, et al. (2021) Cell-to-cell variability in JAK2/STAT5 pathway components and cytoplasmic volumes defines survival threshold in erythroid progenitor cells. *Cell reports*, 36(6), 109507.

Saxton RA, et al. (2021) The tissue protective functions of interleukin-22 can be decoupled from pro-inflammatory actions through structure-based design. *Immunity*, 54(4), 660.

Wang Q, et al. (2020) The Natural Compound Notopterol Binds and Targets JAK2/3 to Ameliorate Inflammation and Arthritis. *Cell reports*, 32(11), 108158.

Shen-Orr SS, et al. (2016) Defective Signaling in the JAK-STAT Pathway Tracks with Chronic Inflammation and Cardiovascular Risk in Aging Humans. *Cell systems*, 3(4), 374.