

Resource Summary Report

Generated by SPARC SAWG on Aug 22, 2026

TNF

RRID:AB_398553

Type: Antibody

Proper Citation

BD Biosciences Cat# 554420, RRID:AB_398553

Antibody Information

URL: http://antibodyregistry.org/AB_398553

Proper Citation: BD Biosciences Cat# 554420, RRID:AB_398553

Target Antigen: TNF

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Intracellular staining (flow cytometry)

Antibody Name: TNF

Description: This monoclonal targets TNF

Target Organism: mouse

Antibody ID: AB_398553

Vendor: BD Biosciences

Catalog Number: 554420

Record Creation Time: 20250820T010954+0000

Record Last Update: 20250820T101206+0000

Ratings and Alerts

No rating or validation information has been found for TNF.

No alerts have been found for TNF.

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 [SPARC SAWG](#) .

Gago da Graça C, et al. (2026) B cell-derived type I interferon sustains T cell functionality upon strong TCR stimulation during chronic infection. *Immunity*.

Guleed S, et al. (2026) CD8+ T cell responses recognizing immunodominant Chlamydia antigens fail to protect against infection. *iScience*, 29(4), 115242.

Pan J, et al. (2026) A senescent tumor cell-derived nanovesicle directly primes splenic T cells to potentiate cancer radiotherapy. *Cell reports. Medicine*, 7(4), 102709.

Yao L, et al. (2026) Nilotinib induces immunogenic cuproptosis to potentiate cancer immunotherapy. *Cell reports. Medicine*, 102928.

Bachem A, et al. (2025) Microbiota-derived butyrate promotes a FOXO1-induced stemness program and preserves CD8+ T cell immunity against melanoma. *Immunity*, 58(11), 2799.

Meza-Perez S, et al. (2024) Proteobacteria impair anti-tumor immunity in the omentum by consuming arginine. *Cell host & microbe*, 32(7), 1177.

Jia X, et al. (2024) High expression of oleoyl-ACP hydrolase underpins life-threatening respiratory viral diseases. *Cell*, 187(17), 4586.

Ye T, et al. (2024) Polyvalent mpox mRNA vaccines elicit robust immune responses and confer potent protection against vaccinia virus. *Cell reports*, 43(6), 114269.

Díaz-Varela M, et al. (2024) The different impact of drug-resistant Leishmania on the transcription programs activated in neutrophils. *iScience*, 27(5), 109773.

Gao X, et al. (2023) Targeting protein tyrosine phosphatases for CDK6-induced immunotherapy resistance. *Cell reports*, 42(4), 112314.

Zhao K, et al. (2023) The altering cellular components and function in tumor microenvironment during remissive and relapsed stages of anti-CD19 CAR T-cell treated lymphoma mice. *Frontiers in immunology*, 14, 1101769.

Baasch S, et al. (2021) Cytomegalovirus subverts macrophage identity. *Cell*, 184(14), 3774.

Remmerie A, et al. (2020) Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. *Immunity*, 53(3), 641.

Bouchareychas L, et al. (2020) Macrophage Exosomes Resolve Atherosclerosis by Regulating Hematopoiesis and Inflammation via MicroRNA Cargo. *Cell reports*, 32(2), 107881.

Effern M, et al. (2020) Adoptive T Cell Therapy Targeting Different Gene Products Reveals Diverse and Context-Dependent Immune Evasion in Melanoma. *Immunity*, 53(3), 564.

Nelson CE, et al. (2019) Robust Iterative Stimulation with Self-Antigens Overcomes CD8+ T Cell Tolerance to Self- and Tumor Antigens. *Cell reports*, 28(12), 3092.

Grohmann M, et al. (2018) Obesity Drives STAT-1-Dependent NASH and STAT-3-Dependent HCC. *Cell*, 175(5), 1289.

Hwang HW, et al. (2017) cTag-PAPERCLIP Reveals Alternative Polyadenylation Promotes Cell-Type Specific Protein Diversity and Shifts Araf Isoforms with Microglia Activation. *Neuron*, 95(6), 1334.