

Resource Summary Report

Generated by ASWG on Aug 24, 2026

CD4

RRID:AB_396634

Type: Antibody

Proper Citation

BD Biosciences Cat# 557308, RRID:AB_396634

Antibody Information

URL: http://antibodyregistry.org/AB_396634

Proper Citation: BD Biosciences Cat# 557308, RRID:AB_396634

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Antibody ID: AB_396634

Vendor: BD Biosciences

Catalog Number: 557308

Record Creation Time: 20250820T050738+0000

Record Last Update: 20250820T205134+0000

Ratings and Alerts

No rating or validation information has been found for CD4.

No alerts have been found for CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Weber JL, et al. (2026) De novo pyrimidine synthesis controls germinal center B cell and plasma cell fates and systemic autoimmunity. *Cell reports*, 45(7), 117587.

Ghosh A, et al. (2025) Potentiation of noncanonical NF- κ B signaling and marginal zone B cell expansion by CARD11-mediated regulation of p100 processing. *Cell reports*, 44(12), 116616.

Fike AJ, et al. (2025) IRF7 controls spontaneous autoimmune germinal center and plasma cell checkpoints. *The Journal of experimental medicine*, 222(7).

Yang Z, et al. (2025) Temporally programmed STING nanoadjuvant delivery unlocks synergistic chemotherapy-induced antitumor immunity. *Science advances*, 11(29), eadw0797.

Fike AJ, et al. (2025) IRF7 controls spontaneous autoimmune germinal center and plasma cell checkpoints. *bioRxiv : the preprint server for biology*.

Swaminathan S, et al. (2024) LAG-3- and CXCR5-expressing CD4 T cells display progenitor-like properties during chronic visceral leishmaniasis. *Cell reports*, 43(3), 113879.

Swan GA, et al. (2024) A conserved element in the first intron of Cd4 has a lineage specific, TCR signal-responsive, canonical enhancer function that matches the timing of cell surface CD4 upregulation required to prevent lineage choice error. *Frontiers in immunology*, 15, 1469402.

Patrick R, et al. (2024) The activity of early-life gene regulatory elements is hijacked in aging through pervasive AP-1-linked chromatin opening. *Cell metabolism*, 36(8), 1858.

Sasaki Y, et al. (2024) Synergistic anti-tumor effects of oncolytic virus and anti-programmed cell death protein 1 antibody combination therapy: For suppression of lymph node and distant metastasis in a murine melanoma model. *Biochemical and biophysical research communications*, 740, 151011.

Shi W, et al. (2024) Next-generation anti-PD-L1/IL-15 immunocytokine elicits superior antitumor immunity in cold tumors with minimal toxicity. *Cell reports. Medicine*, 5(5), 101531.

Mohammadpour H, et al. (2023) Galectin-3 expression in donor T cells reduces GvHD severity and lethality after allogeneic hematopoietic cell transplantation. *Cell reports*, 42(3), 112250.

Liu H, et al. (2023) Neutralizing IL-8 potentiates immune checkpoint blockade efficacy for glioma. *Cancer cell*, 41(4), 693.

Luo H, et al. (2023) SON is an essential m6A target for hematopoietic stem cell fate. *Cell stem cell*, 30(12), 1658.

Klaus A, et al. (2022) CLASP2 safeguards hematopoietic stem cell properties during mouse and fish development. *Cell reports*, 39(11), 110957.

West HC, et al. (2022) Loss of T cell tolerance in the skin following immunopathology is linked to failed restoration of the dermal niche by recruited macrophages. *Cell reports*, 39(7), 110819.

Stutz MD, et al. (2021) Macrophage and neutrophil death programs differentially confer resistance to tuberculosis. *Immunity*, 54(8), 1758.

Park SM, et al. (2019) IKZF2 Drives Leukemia Stem Cell Self-Renewal and Inhibits Myeloid Differentiation. *Cell stem cell*, 24(1), 153.

Cheng Y, et al. (2019) m6A RNA Methylation Maintains Hematopoietic Stem Cell Identity and Symmetric Commitment. *Cell reports*, 28(7), 1703.

Jee D, et al. (2018) Dual Strategies for Argonaute2-Mediated Biogenesis of Erythroid miRNAs Underlie Conserved Requirements for Slicing in Mammals. *Molecular cell*, 69(2), 265.

Ahn J, et al. (2018) Extrinsic Phagocyte-Dependent STING Signaling Dictates the Immunogenicity of Dying Cells. *Cancer cell*, 33(5), 862.