

# Resource Summary Report

Generated by [nidm-terms](#) on Aug 9, 2026

## CD4

RRID:AB\_396897

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 557852, RRID:AB\_396897

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_396897](http://antibodyregistry.org/AB_396897)

**Proper Citation:** BD Biosciences Cat# 557852, RRID:AB\_396897

**Target Antigen:** CD4

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: Flow cytometry

**Antibody Name:** CD4

**Description:** This monoclonal targets CD4

**Target Organism:** human

**Antibody ID:** AB\_396897

**Vendor:** BD Biosciences

**Catalog Number:** 557852

**Record Creation Time:** 20250820T041926+0000

**Record Last Update:** 20250820T183942+0000

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### 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 23 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [nidm-terms](#) .

Roostaei T, et al. (2026) Cell-type- and state-resolved transcriptomics uncovers distinct T cell and monocyte dysregulation in multiple sclerosis. *Cell reports*, 45(6), 117417.

Castro RC, et al. (2026) Extracellular Vesicles Favor Early Peripheral Immunosenescence Through Modulation of the Senescence-Associated Secretory Phenotype in HIV Infection. *Aging cell*, 25(1), e70320.

Wei Q, et al. (2025) Identification of a group of 9-amino-acridines that selectively downregulate regulatory T cell functions through FoxP3. *iScience*, 28(3), 111931.

Lee YJ, et al. (2025) Tumor-specific but immunosuppressive CD39+CD8+ T cells exhibit double-faceted roles in clear cell renal cell carcinoma. *Cell reports. Medicine*, 102360.

Kleist AB, et al. (2025) Encoding and decoding selectivity and promiscuity in the human chemokine-GPCR interaction network. *Cell*, 188(13), 3603.

Adabi E, et al. (2025) Enhanced conversion of T cells into CAR T cells by modulation of the MAPK/ERK pathway. *Cell reports. Medicine*, 6(2), 101970.

Doriguêto Gravina H, et al. (2025) Immune-Related Protein and Non-Coding RNA Cargo of Extracellular Vesicles Participate in the Chronic Inflammation Induced by HIV Infection. *Journal of extracellular biology*, 4(12), e70102.

Talbot LJ, et al. (2024) Redirecting B7-H3.CAR T Cells to Chemokines Expressed in Osteosarcoma Enhances Homing and Antitumor Activity in Preclinical Models. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(19), 4434.

Avancini D, et al. (2023) Aryl hydrocarbon receptor activity downstream of IL-10 signaling is required to promote regulatory functions in human dendritic cells. *Cell reports*, 42(3), 112193.

Canale FP, et al. (2023) Proteomics of immune cells from liver tumors reveals immunotherapy targets. *Cell genomics*, 3(6), 100331.

Tamaoki N, et al. (2023) Self-organized yolk sac-like organoids allow for scalable generation of multipotent hematopoietic progenitor cells from induced pluripotent stem cells. *Cell reports methods*, 3(4), 100460.

Charmetant X, et al. (2022) Inverted direct allorecognition triggers early donor-specific antibody responses after transplantation. *Science translational medicine*, 14(663),

eabg1046.

Külp M, et al. (2022) The immune checkpoint ICOSLG is a relapse-predicting biomarker and therapeutic target in infant t(4;11) acute lymphoblastic leukemia. *iScience*, 25(7), 104613.

Wiede F, et al. (2022) PTP1B Is an Intracellular Checkpoint that Limits T-cell and CAR T-cell Antitumor Immunity. *Cancer discovery*, 12(3), 752.

Wang Z, et al. (2022) 3D-organoid culture supports differentiation of human CAR+ iPSCs into highly functional CAR T cells. *Cell stem cell*, 29(4), 515.

Külp M, et al. (2022) Co-culture of primary human T cells with leukemia cells to measure regulatory T cell expansion. *STAR protocols*, 3(3), 101661.

Abdul-Jawad S, et al. (2021) Acute Immune Signatures and Their Legacies in Severe Acute Respiratory Syndrome Coronavirus-2 Infected Cancer Patients. *Cancer cell*, 39(2), 257.

Kato H, et al. (2021) Double-Edged Sword: Interleukin-2 Promotes T Regulatory Cell Differentiation but Also Expands Interleukin-13- and Interferon- $\gamma$ -Producing CD8+ T Cells via STAT6-GATA-3 Axis in Systemic Lupus Erythematosus. *Frontiers in immunology*, 12, 635531.

Rütgen BC, et al. (2021) Flow Cytometric Assessment of Ki-67 Expression in Lymphocytes From Physiologic Lymph Nodes, Lymphoma Cell Populations and Remnant Normal Cell Populations From Lymphomatous Lymph Nodes. *Frontiers in veterinary science*, 8, 663656.

Tan AT, et al. (2021) Early induction of functional SARS-CoV-2-specific T cells associates with rapid viral clearance and mild disease in COVID-19 patients. *Cell reports*, 34(6), 108728.