

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

CD4

RRID:AB_2738273

Type: Antibody

Proper Citation

BD Biosciences Cat# 563550, RRID:AB_2738273

Antibody Information

URL: http://antibodyregistry.org/AB_2738273

Proper Citation: BD Biosciences Cat# 563550, RRID:AB_2738273

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: human

Clone ID: SK3 (also known as Leu3a)

Antibody ID: AB_2738273

Vendor: BD Biosciences

Catalog Number: 563550

Record Creation Time: 20231110T033527+0000

Record Last Update: 20260831T193424+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 40 mentions in open access literature.

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

La C, et al. (2026) In vivo modeling of human ?? T cell ontogeny reveals terminal deoxynucleotidyl transferase as a key regulator of type 3 V?2 T cell development. *Cell reports*, 45(2), 116977.

Reinscheid M, et al. (2026) Acute and chronic infections drive distinct trajectories in human memory CD4+ T cell formation. *Immunity*, 59(5), 1272.

Matei DE, et al. (2026) Sexual dimorphism of early GPR183-dependent B cell responses in systemic lupus erythematosus. *iScience*, 29(3), 114980.

Gao H, et al. (2025) BACH2 promotes seeding and establishment of long-lived HIV-1 reservoir in memory CD4+ T cells. *Cell reports. Medicine*, 6(9), 102311.

Zhanzak Z, et al. (2025) Identification of indirect CD4+ T cell epitopes associated with transplant rejection provides a target for donor-specific tolerance induction. *Immunity*, 58(2), 448.

Lin H, et al. (2025) Characterization and comparative analysis of multifunctional natural killer cell engagers during antitumor responses. *Cell reports. Medicine*, 6(5), 102117.

Contreras O, et al. (2025) OpenEMMU: A versatile, open-source EdU multiplexing methodology for studying DNA replication and cell cycle dynamics. *iScience*, 28(9), 113380.

Shang K, et al. (2025) CD97-directed CAR-T cells with enhanced persistence eradicate acute myeloid leukemia in diverse xenograft models. *Cell reports. Medicine*, 6(6), 102148.

Yu CI, et al. (2024) Protocol to construct humanized mice with adult CD34+ hematopoietic stem and progenitor cells. *STAR protocols*, 5(3), 103155.

Zou Z, et al. (2024) ATF4-SLC7A11-GSH axis mediates the acquisition of immunosuppressive properties by activated CD4+ T cells in low arginine condition. *Cell reports*, 43(4), 113995.

Hammer Q, et al. (2024) Genetic ablation of adhesion ligands mitigates rejection of allogeneic cellular immunotherapies. *Cell stem cell*, 31(9), 1376.

Yu CI, et al. (2024) Engraftment of adult hematopoietic stem and progenitor cells in a novel model of humanized mice. *iScience*, 27(3), 109238.

Klysz DD, et al. (2024) Inosine induces stemness features in CAR-T cells and enhances potency. *Cancer cell*, 42(2), 266.

Radziszewska A, et al. (2024) Type I interferon and mitochondrial dysfunction are associated with dysregulated cytotoxic CD8+ T cell responses in juvenile systemic lupus erythematosus. *Clinical and experimental immunology*.

Raeber ME, et al. (2024) Interleukin-2 immunotherapy reveals human regulatory T cell subsets with distinct functional and tissue-homing characteristics. *Immunity*, 57(9), 2232.

Brown AC, et al. (2023) Comprehensive epigenomic profiling reveals the extent of disease-specific chromatin states and informs target discovery in ankylosing spondylitis. *Cell genomics*, 3(6), 100306.

Blaeschke F, et al. (2023) Modular pooled discovery of synthetic knockin sequences to program durable cell therapies. *Cell*, 186(19), 4216.

Gobbini A, et al. (2023) Protocol for the detection of defined T cell clones in a heterogeneous cell population. *STAR protocols*, 5(1), 102787.

Ahmed A, et al. (2023) BCG revaccination in adults enhances pro-inflammatory markers of trained immunity along with anti-inflammatory pathways. *iScience*, 26(10), 107889.

Hope JL, et al. (2023) PSGL-1 attenuates early TCR signaling to suppress CD8+ T cell progenitor differentiation and elicit terminal CD8+ T cell exhaustion. *Cell reports*, 42(5), 112436.