

# Resource Summary Report

Generated by [nidm-terms](#) on Jul 29, 2026

## CD4

RRID:AB\_2744424

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 562970, RRID:AB\_2744424

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2744424](http://antibodyregistry.org/AB_2744424)

**Proper Citation:** BD Biosciences Cat# 562970, RRID:AB\_2744424

**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\_2744424

**Vendor:** BD Biosciences

**Catalog Number:** 562970

**Alternative Catalog Numbers:** 562971

**Record Creation Time:** 20250819T230833+0000

**Record Last Update:** 20250820T042506+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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Monberg TJ, et al. (2025) Safety and efficacy of combined treatment with tumor-infiltrating lymphocytes and oncolytic adenovirus TILT-123 in metastatic melanoma. Cell reports. Medicine, 6(3), 102016.

Landi D, et al. (2025) A Checkpoint Reversal Receptor Mediates Bipartite Activation and Enhances CAR T-cell Function. Cancer research communications, 5(3), 527.

Laheurte C, et al. (2025) UCPVax, a CD4 helper peptide vaccine, induces polyfunctional Th1 cells, antibody response, and epitope spreading to improve antitumor immunity. Cell reports. Medicine, 6(7), 102196.

Choi S, et al. (2025) Asthma Alleviation by Ginsenoside Rb1 via Promotion of Treg Proliferation and Inflammatory T Cell Inhibition. Allergy, 80(6), 1647.

Zhou W, et al. (2024) Stem-like progenitor and terminally differentiated TFH-like CD4+ T cell exhaustion in the tumor microenvironment. Cell reports, 43(2), 113797.

Chang SH, et al. (2024) Therapeutic single-cell landscape: methotrexate exacerbates interstitial lung disease by compromising the stemness of alveolar epithelial cells under systemic inflammation. EBioMedicine, 108, 105339.

Oberstein PE, et al. (2024) Blockade of IL1 $\beta$  and PD1 with Combination Chemotherapy Reduces Systemic Myeloid Suppression in Metastatic Pancreatic Cancer with Heterogeneous Effects in the Tumor. Cancer immunology research, 12(9), 1221.

Liu S, et al. (2023) ICAM-1 mediated cell-cell adhesion exerts dual roles on human B cell differentiation and IgG production. iScience, 26(12), 108505.

Racle J, et al. (2023) Machine learning predictions of MHC-II specificities reveal alternative binding mode of class II epitopes. Immunity, 56(6), 1359.

Duan LJ, et al. (2022) SARS-CoV-2 vaccine-induced antibody and T cell response in SARS-CoV-1 survivors. Cell reports, 40(9), 111284.

Apavaloaei A, et al. (2022) Induced pluripotent stem cells display a distinct set of MHC I-associated peptides shared by human cancers. Cell reports, 40(7), 111241.

Pothast CR, et al. (2022) SARS-CoV-2-specific CD4+ and CD8+ T cell responses can originate from cross-reactive CMV-specific T cells. *eLife*, 11.

Townsley SM, et al. (2021) B cell engagement with HIV-1 founder virus envelope predicts development of broadly neutralizing antibodies. *Cell host & microbe*, 29(4), 564.

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.

Townsley SM, et al. (2021) Sequential staining of HIV gp140 to capture antigen-specific human B cells via flow cytometry. *STAR protocols*, 2(3), 100771.

de Jonge K, et al. (2021) Inflammatory B cells correlate with failure to checkpoint blockade in melanoma patients. *Oncoimmunology*, 10(1), 1873585.

Asplund Högelin K, et al. (2021) Development of humoral and cellular immunological memory against SARS-CoV-2 despite B cell depleting treatment in multiple sclerosis. *iScience*, 24(9), 103078.

Cotugno N, et al. (2021) Virological and immunological features of SARS-CoV-2-infected children who develop neutralizing antibodies. *Cell reports*, 34(11), 108852.

Consiglio CR, et al. (2020) The Immunology of Multisystem Inflammatory Syndrome in Children with COVID-19. *Cell*, 183(4), 968.

Lundtoft C, et al. (2020) Function of multiple sclerosis-protective HLA class I alleles revealed by genome-wide protein-quantitative trait loci mapping of interferon signalling. *PLoS genetics*, 16(10), e1009199.