

Resource Summary Report

Generated by ASWG on Aug 9, 2026

CD4

RRID:AB_395013

Type: Antibody

Proper Citation

BD Biosciences Cat# 553729, RRID:AB_395013

Antibody Information

URL: http://antibodyregistry.org/AB_395013

Proper Citation: BD Biosciences Cat# 553729, RRID:AB_395013

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Antibody ID: AB_395013

Vendor: BD Biosciences

Catalog Number: 553729

Record Creation Time: 20250819T214004+0000

Record Last Update: 20250819T234219+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](#).

Fujioka A, et al. (2026) DCIR-mediated inhibitory regulation of TLR7-MyD88 axis prevents autoimmune neuroinflammation. *iScience*, 29(6), 116094.

Li A, et al. (2026) 5-HT reuptake blockade induces pyroptosis in BRAFV600E-mutated melanomas via remodeling histone serotonylation. *Cell reports. Medicine*, 102537.

Morsi DS, et al. (2025) Grape seed extract and L-ascorbic acid exert antineoplastic effects against solid Ehrlich carcinoma in vivo by modulating the tumor microenvironment and Th1/Th2 balance. *Frontiers in immunology*, 16, 1635071.

Baba S, et al. (2025) Development of a peptide-based vaccine using a T cell epitope derived from SARS-CoV-2. *iScience*, 28(6), 112542.

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.

Luo Y, et al. (2024) Neoadjuvant PARPi or chemotherapy in ovarian cancer informs targeting effector Treg cells for homologous-recombination-deficient tumors. *Cell*, 187(18), 4905.

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

Amodio V, et al. (2023) Genetic and pharmacological modulation of DNA mismatch repair heterogeneous tumors promotes immune surveillance. *Cancer cell*, 41(1), 196.

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

Rice TA, et al. (2022) Interspecies commensal interactions have nonlinear impacts on host immunity. *Cell host & microbe*, 30(7), 988.

Eriksson M, et al. (2022) T cell kinetics reveal expansion of distinct lung T cell subsets in acute versus in resolved influenza virus infection. *Frontiers in immunology*, 13, 949299.

Jhala G, et al. (2022) Interferons limit autoantigen-specific CD8+ T-cell expansion in the non-obese diabetic mouse. *Cell reports*, 39(4), 110747.

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.

Gambino F, et al. (2021) A vaccine inducing solely cytotoxic T lymphocytes fully prevents Zika virus infection and fetal damage. *Cell reports*, 35(6), 109107.

Rodda LB, et al. (2021) Functional SARS-CoV-2-Specific Immune Memory Persists after Mild COVID-19. *Cell*, 184(1), 169.

Li J, et al. (2021) KDM6B-dependent chromatin remodeling underpins effective virus-specific CD8⁺ T cell differentiation. *Cell reports*, 34(11), 108839.

Lalwani A, et al. (2019) ? Cell Hypoxia-Inducible Factor-1? Is Required for the Prevention of Type 1 Diabetes. *Cell reports*, 27(8), 2370.

Girousse A, et al. (2019) The Release of Adipose Stromal Cells from Subcutaneous Adipose Tissue Regulates Ectopic Intramuscular Adipocyte Deposition. *Cell reports*, 27(2), 323.

Hou Y, et al. (2018) Non-canonical NF-?B Antagonizes STING Sensor-Mediated DNA Sensing in Radiotherapy. *Immunity*, 49(3), 490.

Robles-Valero J, et al. (2017) A Paradoxical Tumor-Suppressor Role for the Rac1 Exchange Factor Vav1 in T Cell Acute Lymphoblastic Leukemia. *Cancer cell*, 32(5), 608.