

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

CD4

RRID:AB_394587

Type: Antibody

Proper Citation

BD Biosciences Cat# 553052, RRID:AB_394587

Antibody Information

URL: http://antibodyregistry.org/AB_394587

Proper Citation: BD Biosciences Cat# 553052, RRID:AB_394587

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_394587

Vendor: BD Biosciences

Catalog Number: 553052

Record Creation Time: 20250820T052204+0000

Record Last Update: 20250820T212457+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 17 mentions in open access literature.

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

Mix MR, et al. (2025) Repetitive antigen stimulation in the periphery dictates the composition and recall responses of brain-resident memory CD8+ T cells. *Cell reports*, 44(2), 115247.

Lee HN, et al. (2024) Ebola virus-induced eye sequelae: a murine model for evaluating glycoprotein-targeting therapeutics. *EBioMedicine*, 104, 105170.

Ma B, et al. (2024) Protocol to examine immune subpopulations in murine conjunctiva and lacrimal gland using flow cytometry. *STAR protocols*, 5(1), 102921.

Bülow S, et al. (2024) Bactericidal/permeability-increasing protein instructs dendritic cells to elicit Th22 cell response. *Cell reports*, 43(3), 113929.

Yakkala C, et al. (2024) Cryoablation Does Not Significantly Contribute to Systemic Effector Immune Responses in a Poorly Immunogenic B16F10 Melanoma Model. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 30(18), 4190.

Miller CL, et al. (2022) Systemic delivery of a targeted synthetic immunostimulant transforms the immune landscape for effective tumor regression. *Cell chemical biology*, 29(3), 451.

Mifflin KA, et al. (2022) Spinal Cord Injury Impairs Lung Immunity in Mice. *Journal of immunology (Baltimore, Md. : 1950)*, 209(1), 157.

Tomala J, et al. (2021) IL-2/JES6-1 mAb complexes dramatically increase sensitivity to LPS through IFN- γ production by CD25+Foxp3- T cells. *eLife*, 10.

Boccasavia VL, et al. (2021) Antigen presentation between T cells drives Th17 polarization under conditions of limiting antigen. *Cell reports*, 34(11), 108861.

Dignum T, et al. (2021) Multipotent progenitors and hematopoietic stem cells arise independently from hemogenic endothelium in the mouse embryo. *Cell reports*, 36(11), 109675.

Giampazolias E, et al. (2021) Secreted gelsolin inhibits DNGR-1-dependent cross-presentation and cancer immunity. *Cell*, 184(15), 4016.

Werner A, et al. (2021) Targeting B cells in the pre-phase of systemic autoimmunity globally interferes with autoimmune pathology. *iScience*, 24(9), 103076.

Yang SJ, et al. (2020) Activation of M1 Macrophages in Response to Recombinant TB Vaccines With Enhanced Antimycobacterial Activity. *Frontiers in immunology*, 11, 1298.

Duecker R, et al. (2019) Hematopoietic Stem Cell Transplantation Restores Naïve T-Cell Populations in Atm-Deficient Mice and in Preemptively Treated Patients With Ataxia-Telangiectasia. *Frontiers in immunology*, 10, 2785.

Xu X, et al. (2018) Phosphorylation-Mediated IFN- γ R2 Membrane Translocation Is Required to Activate Macrophage Innate Response. *Cell*, 175(5), 1336.

Lian H, et al. (2018) The Zinc-Finger Protein ZCCHC3 Binds RNA and Facilitates Viral RNA Sensing and Activation of the RIG-I-like Receptors. *Immunity*, 49(3), 438.

Guarnieri FC, et al. (2018) Synapsin I deletion reduces neuronal damage and ameliorates clinical progression of experimental autoimmune encephalomyelitis. *Brain, behavior, and immunity*, 68, 197.