

Resource Summary Report

Generated by [kravitz2](#) on Aug 15, 2026

CD4

RRID:AB_395014

Type: Antibody

Proper Citation

BD Biosciences Cat# 553730, RRID:AB_395014

Antibody Information

URL: http://antibodyregistry.org/AB_395014

Proper Citation: BD Biosciences Cat# 553730, RRID:AB_395014

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_395014

Vendor: BD Biosciences

Catalog Number: 553730

Record Creation Time: 20250819T213548+0000

Record Last Update: 20250819T232820+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 12 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Entsie P, et al. (2025) Sex-specific activation of platelet purinergic signaling is key in local cytokine release and phagocytosis in the peritoneal cavity in intra-abdominal sepsis. American journal of physiology. Cell physiology, 328(3), C791.

Feng R, et al. (2025) Single-cell spatial transcriptomic profiling defines a pathogenic inflammatory niche in chronic active multiple sclerosis lesions. Immunity, 58(12), 2989.

Qian B, et al. (2024) Podocyte SIRP? reduction aggravates lupus nephritis via promoting T cell inflammatory responses. Cell reports, 43(5), 114249.

Wang B, et al. (2024) Intermittent clearance of p21-highly-expressing cells extends lifespan and confers sustained benefits to health and physical function. Cell metabolism, 36(8), 1795.

Kim SM, et al. (2023) Secreted Akkermansia muciniphila threonyl-tRNA synthetase functions to monitor and modulate immune homeostasis. Cell host & microbe, 31(6), 1021.

Fike AJ, et al. (2023) STAT3 signaling in B cells controls germinal center zone organization and recycling. Cell reports, 42(5), 112512.

Düking T, et al. (2022) Ketogenic diet uncovers differential metabolic plasticity of brain cells. Science advances, 8(37), eabo7639.

Ying B, et al. (2022) Protective activity of mRNA vaccines against ancestral and variant SARS-CoV-2 strains. Science translational medicine, 14(630), eabm3302.

Browning LM, et al. (2020) Bone Morphogenic Proteins Are Immunoregulatory Cytokines Controlling FOXP3+ Treg Cells. Cell reports, 33(1), 108219.

Walsh CM, et al. (2019) Neutrophils promote CXCR3-dependent itch in the development of atopic dermatitis. eLife, 8.

Tomaru U, et al. (2019) Restricted Expression of the Thymoproteasome Is Required for Thymic Selection and Peripheral Homeostasis of CD8+ T Cells. Cell reports, 26(3), 639.

Gutiérrez-Meza JM, et al. (2017) Cytokine profile of NALT during acute stress and its possible effect on IgA secretion. Immunology letters, 188, 68.