

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

CD4

RRID:AB_394970

Type: Antibody

Proper Citation

BD Biosciences Cat# 553650, RRID:AB_394970

Antibody Information

URL: http://antibodyregistry.org/AB_394970

Proper Citation: BD Biosciences Cat# 553650, RRID:AB_394970

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_394970

Vendor: BD Biosciences

Catalog Number: 553650

Record Creation Time: 20231110T081125+0000

Record Last Update: 20260830T031417+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 10 mentions in open access literature.

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

Roger A, et al. (2026) Sensory neuron production of substance P and TFAA4 promotes disease tolerance during viral infection. *Immunity*, 59(3), 682.

Denk D, et al. (2025) IL-17RA signaling provides dual tumor-suppressor function during late-stage colorectal carcinogenesis. *Immunity*, 58(3), 701.

Nelson AJ, et al. (2025) Lung-resident memory B cells maintain allergic IgE responses in the respiratory tract. *Immunity*, 58(4), 875.

Wang M, et al. (2023) Genotoxic aldehyde stress prematurely ages hematopoietic stem cells in a p53-driven manner. *Molecular cell*, 83(14), 2417.

Denk D, et al. (2022) Expansion of T memory stem cells with superior anti-tumor immunity by Urolithin A-induced mitophagy. *Immunity*, 55(11), 2059.

Yang Y, et al. (2022) A non-bactericidal cathelicidin provides prophylactic efficacy against bacterial infection by driving phagocyte influx. *eLife*, 11.

Dingler FA, et al. (2020) Two Aldehyde Clearance Systems Are Essential to Prevent Lethal Formaldehyde Accumulation in Mice and Humans. *Molecular cell*, 80(6), 996.

Marchingo JM, et al. (2020) Quantitative analysis of how Myc controls T cell proteomes and metabolic pathways during T cell activation. *eLife*, 9.

Wu H, et al. (2020) A bivalent antihypertensive vaccine targeting L-type calcium channels and angiotensin AT1 receptors. *British journal of pharmacology*, 177(2), 402.

Ohtake Y, et al. (2017) Protein tyrosine phosphatase $\text{P}^{\text{Y}}^{\text{H}}$ regulates autoimmune encephalomyelitis development. *Brain, behavior, and immunity*, 65, 111.