

# Resource Summary Report

Generated by ASWG on Aug 9, 2026

## CD4

RRID:AB\_394970

Type: Antibody

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### Proper Citation

BD Biosciences Cat# 553650, RRID:AB\_394970

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_394970](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:** 20250820T015052+0000

**Record Last Update:** 20250820T120113+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.

## 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 [ASWG](#) .

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 ?? regulates autoimmune encephalomyelitis development. *Brain, behavior, and immunity*, 65, 111.