

# Resource Summary Report

Generated by PRECISE-TBI on Jul 30, 2026

## CD4

RRID:AB\_394971

Type: Antibody

---

### Proper Citation

BD Biosciences Cat# 553651, RRID:AB\_394971

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_394971](http://antibodyregistry.org/AB_394971)

**Proper Citation:** BD Biosciences Cat# 553651, RRID:AB\_394971

**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\_394971

**Vendor:** BD Biosciences

**Catalog Number:** 553651

**Record Creation Time:** 20250819T233016+0000

**Record Last Update:** 20250820T053221+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 9 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [PRECISE-TBI](#) .

Mei D, et al. (2024) Immune isolation-enabled nanoencapsulation of donor T cells: a promising strategy for mitigating GVHD and treating AML in preclinical models. *Journal for immunotherapy of cancer*, 12(9).

Mansell E, et al. (2021) Mitochondrial Potentiation Ameliorates Age-Related Heterogeneity in Hematopoietic Stem Cell Function. *Cell stem cell*, 28(2), 241.

Zeis P, et al. (2020) In Situ Maturation and Tissue Adaptation of Type 2 Innate Lymphoid Cell Progenitors. *Immunity*, 53(4), 775.

Horkova V, et al. (2020) Dynamics of the Coreceptor-LCK Interactions during T Cell Development Shape the Self-Reactivity of Peripheral CD4 and CD8 T Cells. *Cell reports*, 30(5), 1504.

Li H, et al. (2019) Inhibition of phosphodiesterase-4 attenuates murine ulcerative colitis through interference with mucosal immunity. *British journal of pharmacology*, 176(13), 2209.

Bloch Y, et al. (2018) Structural Activation of Pro-inflammatory Human Cytokine IL-23 by Cognate IL-23 Receptor Enables Recruitment of the Shared Receptor IL-12R $\beta$ 1. *Immunity*, 48(1), 45.

Moretti FA, et al. (2018) Differential requirement of kindlin-3 for T cell progenitor homing to the non-vascularized and vascularized thymus. *eLife*, 7.

Kaufmann E, et al. (2018) BCG Educates Hematopoietic Stem Cells to Generate Protective Innate Immunity against Tuberculosis. *Cell*, 172(1-2), 176.

Knolle MD, et al. (2018) MicroRNA-155 Protects Group 2 Innate Lymphoid Cells From Apoptosis to Promote Type-2 Immunity. *Frontiers in immunology*, 9, 2232.