

Resource Summary Report

Generated by SPARC SAWG on Aug 10, 2026

CD4

RRID:AB_394971

Type: Antibody

Proper Citation

BD Biosciences Cat# 553651, RRID:AB_394971

Antibody Information

URL: 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 [SPARC SAWG](#) .

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 β 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.