

Resource Summary Report

Generated by [nidm-terms](#) on Aug 11, 2026

CD4

RRID:AB_394969

Type: Antibody

Proper Citation

BD Biosciences Cat# 553649, RRID:AB_394969

Antibody Information

URL: http://antibodyregistry.org/AB_394969

Proper Citation: BD Biosciences Cat# 553649, RRID:AB_394969

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_394969

Vendor: BD Biosciences

Catalog Number: 553649

Record Creation Time: 20250820T024059+0000

Record Last Update: 20250820T141413+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 8 mentions in open access literature.

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

Laulhé X, et al. (2026) B cell-intrinsic type I interferon signaling contributes to defective antibody responses to a model antigen during persistent LCMV infection. *Cell reports*, 45(4), 117145.

Xu P, et al. (2025) Impaired hematopoiesis and embryonic lethality at midgestation of mice lacking both lipid transfer proteins VPS13A and VPS13C. *PLoS biology*, 23(9), e3003393.

Xu P, et al. (2025) Defect in hematopoiesis and embryonic lethality at midgestation of Vps13a/Vps13c double knockout mice. *bioRxiv : the preprint server for biology*.

Kucinski I, et al. (2024) A time- and single-cell-resolved model of murine bone marrow hematopoiesis. *Cell stem cell*, 31(2), 244.

Iturri L, et al. (2021) Megakaryocyte production is sustained by direct differentiation from erythromyeloid progenitors in the yolk sac until midgestation. *Immunity*, 54(7), 1433.

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.

Paris J, et al. (2019) Targeting the RNA m6A Reader YTHDF2 Selectively Compromises Cancer Stem Cells in Acute Myeloid Leukemia. *Cell stem cell*, 25(1), 137.

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