

Resource Summary Report

Generated by [nidm-terms](#) on Sep 5, 2026

CD4

RRID:AB_394580

Type: Antibody

Proper Citation

BD Biosciences Cat# 553044, RRID:AB_394580

Antibody Information

URL: http://antibodyregistry.org/AB_394580

Proper Citation: BD Biosciences Cat# 553044, RRID:AB_394580

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_394580

Vendor: BD Biosciences

Catalog Number: 553044

Record Creation Time: 20231110T081203+0000

Record Last Update: 20260830T030609+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 4 mentions in open access literature.

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

Osaki M, et al. (2025) Soluble CTLA-4 regulates immune homeostasis and promotes resolution of inflammation by suppressing type 1 but allowing type 2 immunity. *Immunity*, 58(4), 889.

Sievert EP, et al. (2025) Distinct plasmablast developmental intermediates produce graded expression of IgM secretory transcripts. *Cell reports*, 44(2), 115283.

Staffas A, et al. (2018) Nutritional Support from the Intestinal Microbiota Improves Hematopoietic Reconstitution after Bone Marrow Transplantation in Mice. *Cell host & microbe*, 23(4), 447.

Morimoto Y, et al. (2018) Amphiregulin-Producing Pathogenic Memory T Helper 2 Cells Instruct Eosinophils to Secrete Osteopontin and Facilitate Airway Fibrosis. *Immunity*, 49(1), 134.