

Resource Summary Report

Generated by ASWG on Aug 9, 2026

CD4

RRID:AB_393789

Type: Antibody

Proper Citation

BD Biosciences Cat# 550628, RRID:AB_393789

Antibody Information

URL: http://antibodyregistry.org/AB_393789

Proper Citation: BD Biosciences Cat# 550628, RRID:AB_393789

Target Antigen: CD4

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: baboon, cynomolgus, rhesus

Antibody ID: AB_393789

Vendor: BD Biosciences

Catalog Number: 550628

Record Creation Time: 20250820T041234+0000

Record Last Update: 20250820T182053+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 [ASWG](#) .

Alhourani F, et al. (2026) Targeting SUV4-20H Epigenetic Enzymes Enhances Topoisomerase II Poisoning in Prostate Cancer. *Cancer research*, 86(1), 236.

Hahn PA, et al. (2025) Exogenous estrogen enhances T cell activation in male primates. *Cell reports*, 44(9), 116170.

Lebrec H, et al. (2025) Second generation CD2-targeting LFA-3 fusion protein SBT115301 to restore immune homeostasis in autoimmune disease. *iScience*, 28(5), 112447.

Pastor Y, et al. (2024) A vaccine targeting antigen-presenting cells through CD40 induces protective immunity against Nipah disease. *Cell reports. Medicine*, 5(3), 101467.

Huang X, et al. (2024) Serum amyloid A facilitates expansion of CD4+ T cell and CD19+ B cell subsets implicated in the severity of myasthenia gravis patients. *Journal of neurochemistry*, 168(3), 224.

Castell NJ, et al. (2024) SIV-specific antibodies protect against inflammasome-driven encephalitis in untreated macaques. *Cell reports*, 43(10), 114833.

Hui Y, et al. (2024) High glucose impairs cognitive function through inducing mitochondrial calcium overload in Treg cells. *iScience*, 27(1), 108689.

Qin L, et al. (2023) CD4+LAG3+T cells are decreased in SSc-ILD and affect fibroblast mesenchymal transition by TGF- β 3. *iScience*, 26(12), 108225.

Martinez-Murillo P, et al. (2017) Particulate Array of Well-Ordered HIV Clade C Env Trimers Elicits Neutralizing Antibodies that Display a Unique V2 Cap Approach. *Immunity*, 46(5), 804.