

Resource Summary Report

Generated by ASWG on Aug 9, 2026

CD4

RRID:AB_393575

Type: Antibody

Proper Citation

BD Biosciences Cat# 550280, RRID:AB_393575

Antibody Information

URL: http://antibodyregistry.org/AB_393575

Proper Citation: BD Biosciences Cat# 550280, RRID:AB_393575

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry, Immunohistochemistry-frozen, Immunohistochemistry-zinc-fixed

Antibody Name: CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Antibody ID: AB_393575

Vendor: BD Biosciences

Catalog Number: 550280

Record Creation Time: 20250820T062726+0000

Record Last Update: 20250821T001000+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 10 mentions in open access literature.

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

Mauer J, et al. (2026) Prevent or Treat? Evaluating a Delayed Treatment With Nintedanib After Murine Orthotopic Tracheal Transplantation. *Transplantation direct*, 12(7), e1967.

Hao Y, et al. (2025) Hyperthermic Intrathoracic Chemotherapy Modulates the Immune Microenvironment of Pleural Mesothelioma and Improves the Impact of Dual Immune Checkpoint Inhibition. *Cancer immunology research*, 13(2), 185.

Pitter MR, et al. (2024) PAD4 controls tumor immunity via restraining the MHC class II machinery in macrophages. *Cell reports*, 43(3), 113942.

Zhang H, et al. (2024) Role of Forkhead Box P3 in IFN γ -Mediated PD-L1 Expression and Bladder Cancer Epithelial-to-Mesenchymal Transition. *Cancer research communications*, 4(8), 2228.

Garcia-Diaz C, et al. (2023) Glioblastoma cell fate is differentially regulated by the microenvironments of the tumor bulk and infiltrative margin. *Cell reports*, 42(5), 112472.

Yamamoto K, et al. (2022) Protocol for generating a mouse model of gastric MALT lymphoma and the identification of MALT lymphoma cell populations by immunostaining. *STAR protocols*, 3(1), 101155.

Yamamoto K, et al. (2021) The TLR4-TRIF-type 1 IFN-IFN γ pathway is crucial for gastric MALT lymphoma formation after *Helicobacter suis* infection. *iScience*, 24(9), 103064.

Simmons S, et al. (2019) High-endothelial cell-derived S1P regulates dendritic cell localization and vascular integrity in the lymph node. *eLife*, 8.

Römer C, et al. (2015) Blocking stroke-induced immunodeficiency increases CNS antigen-specific autoreactivity but does not worsen functional outcome after experimental stroke. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 35(20), 7777.

Moreno M, et al. (2014) Conditional ablation of astroglial CCL2 suppresses CNS accumulation of M1 macrophages and preserves axons in mice with MOG peptide EAE. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 34(24), 8175.