

Resource Summary Report

Generated by ASWG on Aug 10, 2026

Biotin anti-mouse CD4

RRID:AB_312710

Type: Antibody

Proper Citation

BioLegend Cat# 100507, RRID:AB_312710

Antibody Information

URL: http://antibodyregistry.org/AB_312710

Proper Citation: BioLegend Cat# 100507, RRID:AB_312710

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Biotin anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_312710

Vendor: BioLegend

Catalog Number: 100507

Alternative Catalog Numbers: 100508

Record Creation Time: 20250820T044753+0000

Record Last Update: 20250820T195737+0000

Ratings and Alerts

No rating or validation information has been found for Biotin anti-mouse CD4.

No alerts have been found for Biotin anti-mouse 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](#).

Geng S, et al. (2026) Krüppel-like factor 2 programs early exhausted T cell states and restrains antiviral immunity. *Immunity*, 59(5), 1306.

Marchingo JM, et al. (2025) PIM kinase control of CD8 T cell protein synthesis and cell trafficking. *eLife*, 13.

Kak G, et al. (2025) CD4+ T cell-innate immune crosstalk is critical during *Staphylococcus aureus* craniotomy infection. *JCI insight*, 10(4).

Liao K, et al. (2024) Critical roles of the miR-17-92 family in thymocyte development, leukemogenesis, and autoimmunity. *Cell reports*, 43(6), 114261.

Kamioka Y, et al. (2023) Distinct bidirectional regulation of LFA1 and β 7 by Rap1 and integrin adaptors in T cells under shear flow. *Cell reports*, 42(6), 112580.

Giannou AD, et al. (2023) Tissue resident iNKT17 cells facilitate cancer cell extravasation in liver metastasis via interleukin-22. *Immunity*, 56(1), 125.

Wang M, et al. (2023) Genotoxic aldehyde stress prematurely ages hematopoietic stem cells in a p53-driven manner. *Molecular cell*, 83(14), 2417.

Preglej T, et al. (2020) Histone deacetylases 1 and 2 restrain CD4+ cytotoxic T lymphocyte differentiation. *JCI insight*, 5(4).

Arima Y, et al. (2017) Brain micro-inflammation at specific vessels dysregulates organ-homeostasis via the activation of a new neural circuit. *eLife*, 6.