

Resource Summary Report

Generated by ASWG on Aug 15, 2026

TotalSeq(TM)-A0001 anti-mouse CD4

RRID:AB_2749956

Type: Antibody

Proper Citation

BioLegend Cat# 100569, RRID:AB_2749956

Antibody Information

URL: http://antibodyregistry.org/AB_2749956

Proper Citation: BioLegend Cat# 100569, RRID:AB_2749956

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: PG

Antibody Name: TotalSeq(TM)-A0001 anti-mouse CD4

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_2749956

Vendor: BioLegend

Catalog Number: 100569

Record Creation Time: 20250820T055442+0000

Record Last Update: 20250820T224735+0000

Ratings and Alerts

No rating or validation information has been found for TotalSeq(TM)-A0001 anti-mouse CD4.

No alerts have been found for TotalSeq(TM)-A0001 anti-mouse CD4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 11 mentions in open access literature.

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

Dhenni R, et al. (2025) Macrophages direct location-dependent recall of B cell memory to vaccination. *Cell*, 188(13), 3477.

Golomb SM, et al. (2025) Temporal dynamics of immune cell transcriptomics in brain metastasis progression influenced by gut microbiome dysbiosis. *Cell reports*, 44(3), 115356.

Mattavelli G, et al. (2025) A TLR4-dependent fibroblast-monocyte axis in tumor-draining lymph nodes contributes to metastasis in triple-negative breast cancer. *Immunity*.

Pisu D, et al. (2023) Protocol for multi-modal single-cell RNA sequencing on *M. tuberculosis*-infected mouse lungs. *STAR protocols*, 4(1), 102102.

Konturek-Ciesla A, et al. (2023) Temporal multimodal single-cell profiling of native hematopoiesis illuminates altered differentiation trajectories with age. *Cell reports*, 42(4), 112304.

Guilliams M, et al. (2022) Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches. *Cell*, 185(2), 379.

Rødahl I, et al. (2021) Acquisition of murine splenic myeloid cells for protein and gene expression profiling by advanced flow cytometry and CITE-seq. *STAR protocols*, 2(4), 100842.

Guldner IH, et al. (2021) Isolation of mouse brain-infiltrating leukocytes for single cell profiling of epitopes and transcriptomes. *STAR protocols*, 2(2), 100537.

Remmerie A, et al. (2020) Osteopontin Expression Identifies a Subset of Recruited Macrophages Distinct from Kupffer Cells in the Fatty Liver. *Immunity*, 53(3), 641.

Golomb SM, et al. (2020) Multi-modal Single-Cell Analysis Reveals Brain Immune Landscape Plasticity during Aging and Gut Microbiota Dysbiosis. *Cell reports*, 33(9), 108438.

Guldner IH, et al. (2020) CNS-Native Myeloid Cells Drive Immune Suppression in the Brain Metastatic Niche through Cxcl10. *Cell*, 183(5), 1234.