

Resource Summary Report

Generated by ASWG on Aug 9, 2026

CD4 Monoclonal Antibody (RM4-5), APC, eBioscience

RRID:AB_469324

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 17-0042-83, RRID:AB_469324)

Antibody Information

URL: http://antibodyregistry.org/AB_469324

Proper Citation: (Thermo Fisher Scientific Cat# 17-0042-83, RRID:AB_469324)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_469324, AB_10115586

Antibody Name: CD4 Monoclonal Antibody (RM4-5), APC, eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_469324

Vendor: Thermo Fisher Scientific

Catalog Number: 17-0042-83

Record Creation Time: 20251213T073718+0000

Record Last Update: 20260225T230901+0000

Ratings and Alerts

No rating or validation information has been found for CD4 Monoclonal Antibody (RM4-5), APC, eBioscience.

No alerts have been found for CD4 Monoclonal Antibody (RM4-5), APC, eBioscience.

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](#) .

Yogo T, et al. (2025) Progenitor effect in the spleen drives early recovery via universal hematopoietic cell inflation. Cell reports, 44(2), 115241.

Mandarano AH, et al. (2023) DRAK2 contributes to type 1 diabetes by negatively regulating IL-2 sensitivity to alter regulatory T cell development. Cell reports, 42(2), 112106.

Becker HJ, et al. (2023) Controlling genetic heterogeneity in gene-edited hematopoietic stem cells by single-cell expansion. Cell stem cell, 30(7), 987.

Fanti AK, et al. (2023) Flt3- and Tie2-Cre tracing identifies regeneration in sepsis from multipotent progenitors but not hematopoietic stem cells. Cell stem cell, 30(2), 207.

Pelgrom LR, et al. (2023) QUAS-R: An SLC1A5-mediated glutamine uptake assay with single-cell resolution reveals metabolic heterogeneity with immune populations. Cell reports, 42(8), 112828.

Wilkinson AC, et al. (2020) Long-term ex vivo expansion of mouse hematopoietic stem cells. Nature protocols, 15(2), 628.

Pei W, et al. (2020) Resolving Fates and Single-Cell Transcriptomes of Hematopoietic Stem Cell Clones by PolyloxExpress Barcoding. Cell stem cell, 27(3), 383.

Chang D, et al. (2020) The Conserved Non-coding Sequences CNS6 and CNS9 Control Cytokine-Induced Rorc Transcription during T Helper 17 Cell Differentiation. Immunity, 53(3), 614.

Araujo LP, et al. (2019) The Sympathetic Nervous System Mitigates CNS Autoimmunity via α 2-Adrenergic Receptor Signaling in Immune Cells. Cell reports, 28(12), 3120.

Severe N, et al. (2019) Stress-Induced Changes in Bone Marrow Stromal Cell Populations Revealed through Single-Cell Protein Expression Mapping. Cell stem cell, 25(4), 570.

Yamamoto R, et al. (2018) Large-Scale Clonal Analysis Resolves Aging of the Mouse Hematopoietic Stem Cell Compartment. Cell stem cell, 22(4), 600.