

Resource Summary Report

Generated by ASWG on Aug 9, 2026

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

RRID:AB_465510

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-0042-82, RRID:AB_465510)

Antibody Information

URL: http://antibodyregistry.org/AB_465510

Proper Citation: (Thermo Fisher Scientific Cat# 12-0042-82, RRID:AB_465510)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_465510, AB_10115498

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

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_465510

Vendor: Thermo Fisher Scientific

Catalog Number: 12-0042-82

Record Creation Time: 20251213T073416+0000

Record Last Update: 20260225T230532+0000

Ratings and Alerts

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

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

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](#) .

Matsushima R, et al. (2025) Imaging of biphasic signalosomes constructed by checkpoint receptor 2B4 in conventional and chimeric antigen receptor-T cells. *iScience*, 28(1), 111669.

Jakob MO, et al. (2023) ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. *Cell reports*, 42(3), 112269.

Elshikha AS, et al. (2023) Pharmacologic inhibition of glycolysis prevents the development of lupus by altering the gut microbiome in mice. *iScience*, 26(7), 107122.

Chen W, et al. (2022) Adenosine deaminase acting on RNA-1 is essential for early B lymphopoiesis. *Cell reports*, 41(8), 111687.

Ruan GX, et al. (2022) The spliceosome component Usp39 controls B cell development by regulating immunoglobulin gene rearrangement. *Cell reports*, 38(6), 110338.

Zhou JY, et al. (2021) Integration of IL-2 and IL-4 signals coordinates divergent regulatory T cell responses and drives therapeutic efficacy. *eLife*, 10.

Brown CC, et al. (2019) Transcriptional Basis of Mouse and Human Dendritic Cell Heterogeneity. *Cell*, 179(4), 846.

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.

Kooreman NG, et al. (2018) Autologous iPSC-Based Vaccines Elicit Anti-tumor Responses In Vivo. *Cell stem cell*, 22(4), 501.

Kishore M, et al. (2017) Regulatory T Cell Migration Is Dependent on Glucokinase-Mediated Glycolysis. *Immunity*, 47(5), 875.