

Resource Summary Report

Generated by ASWG on Aug 9, 2026

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

RRID:AB_465511

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 12-0042-83, RRID:AB_465511)

Antibody Information

URL: http://antibodyregistry.org/AB_465511

Proper Citation: (Thermo Fisher Scientific Cat# 12-0042-83, RRID:AB_465511)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_465511, AB_10128495

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_465511

Vendor: Thermo Fisher Scientific

Catalog Number: 12-0042-83

Record Creation Time: 20251213T073610+0000

Record Last Update: 20260225T230749+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 6 mentions in open access literature.

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

Cardinez C, et al. (2024) IKK2 controls the inflammatory potential of tissue-resident regulatory T cells in a murine gain of function model. Nature communications, 15(1), 2345.

Bortoluzzi S, et al. (2021) Brief homogeneous TCR signals instruct common iNKT progenitors whose effector diversification is characterized by subsequent cytokine signaling. Immunity, 54(11), 2497.

Huang H, et al. (2021) In vivo CRISPR screening reveals nutrient signaling processes underpinning CD8+ T cell fate decisions. Cell, 184(5), 1245.

Dupraz L, et al. (2021) Gut microbiota-derived short-chain fatty acids regulate IL-17 production by mouse and human intestinal ?? T cells. Cell reports, 36(1), 109332.

Schaupp L, et al. (2020) Microbiota-Induced Type I Interferons Instruct a Poised Basal State of Dendritic Cells. Cell, 181(5), 1080.

Wakabayashi T, et al. (2018) CD157 Marks Tissue-Resident Endothelial Stem Cells with Homeostatic and Regenerative Properties. Cell stem cell, 22(3), 384.