

Resource Summary Report

Generated by ASWG on Aug 10, 2026

CD4 Monoclonal Antibody (RM4-5), eFluor™ 506, eBioscience

RRID:AB_2637459

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 69-0042-82, RRID:AB_2637459)

Antibody Information

URL: http://antibodyregistry.org/AB_2637459

Proper Citation: (Thermo Fisher Scientific Cat# 69-0042-82, RRID:AB_2637459)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow

Antibody Name: CD4 Monoclonal Antibody (RM4-5), eFluor™ 506, eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_2637459

Vendor: Thermo Fisher Scientific

Catalog Number: 69-0042-82

Record Creation Time: 20251213T073918+0000

Record Last Update: 20260225T231115+0000

Ratings and Alerts

No rating or validation information has been found for CD4 Monoclonal Antibody (RM4-5), eFluor™ 506, eBioscience.

No alerts have been found for CD4 Monoclonal Antibody (RM4-5), eFluor™ 506, 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](#) .

Singh A, et al. (2025) Antigens activated SOCS3+CD200R+CD4+ T cells are critical to Leishmania pathogenesis and a distinctive target for vaccine development. Vaccine, 62, 127501.

Xia M, et al. (2024) Elevated IL-22 as a result of stress-induced gut leakage suppresses septal neuron activation to ameliorate anxiety-like behavior. Immunity.

Mahapatra B, et al. (2024) A squalene oil emulsified MPL-A and anti-CD200/CD300a antibodies adjuvanted whole-killed Leishmania vaccine provides durable immunity against L. donovani parasites. Vaccine, 42(26), 126373.

Singh A, et al. (2024) Leishmania antigens activated CD4+ T cells expressing CD200R receptors are the prime IL-10 producing phenotype and an important determinant of visceral leishmaniasis pathogenesis. Cytokine, 173, 156435.

You M, et al. (2023) Mettl3-m6A-Creb1 forms an intrinsic regulatory axis in maintaining iNKT cell pool and functional differentiation. Cell reports, 42(6), 112584.

Gern BH, et al. (2021) TGF β restricts expansion, survival, and function of T cells within the tuberculous granuloma. Cell host & microbe, 29(4), 594.