

Resource Summary Report

Generated by [nidm-terms](#) on Aug 17, 2026

CD4 Monoclonal Antibody (RM4-5), APC-eFluor™ 780, eBioscience

RRID:AB_1272219

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 47-0042-80, RRID:AB_1272219)

Antibody Information

URL: http://antibodyregistry.org/AB_1272219

Proper Citation: (Thermo Fisher Scientific Cat# 47-0042-80, RRID:AB_1272219)

Target Antigen: CD4

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow

Consolidation on 1/2020: AB_1272219, AB_11042270

Antibody Name: CD4 Monoclonal Antibody (RM4-5), APC-eFluor™ 780, eBioscience

Description: This monoclonal targets CD4

Target Organism: mouse

Clone ID: Clone RM4-5

Antibody ID: AB_1272219

Vendor: Thermo Fisher Scientific

Catalog Number: 47-0042-80

Record Creation Time: 20251213T073633+0000

Record Last Update: 20260225T230828+0000

Ratings and Alerts

No rating or validation information has been found for CD4 Monoclonal Antibody (RM4-5), APC-eFluor™ 780, eBioscience.

No alerts have been found for CD4 Monoclonal Antibody (RM4-5), APC-eFluor™ 780, 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 [nidm-terms](#).

Tursi NJ, et al. (2025) Modulation of lipid nanoparticle-formulated plasmid DNA drives innate immune activation promoting adaptive immunity. *Cell reports. Medicine*, 6(4), 102035.

Ray R, et al. (2024) Eliciting a single amino acid change by vaccination generates antibody protection against group 1 and group 2 influenza A viruses. *Immunity*, 57(5), 1141.

Purbey PK, et al. (2024) Opposing tumor-cell-intrinsic and -extrinsic roles of the IRF1 transcription factor in antitumor immunity. *Cell reports*, 43(6), 114289.

Viladomiu M, et al. (2022) Agr2-associated ER stress promotes adherent-invasive *E. coli* dysbiosis and triggers CD103+ dendritic cell IL-23-dependent ileocolitis. *Cell reports*, 41(7), 111637.

Melzi E, et al. (2022) Membrane-bound mRNA immunogens lower the threshold to activate HIV Env V2 apex-directed broadly neutralizing B cell precursors in humanized mice. *Immunity*, 55(11), 2168.

Viladomiu M, et al. (2021) Adherent-invasive *E. coli* metabolism of propanediol in Crohn's disease regulates phagocytes to drive intestinal inflammation. *Cell host & microbe*, 29(4), 607.

Breznik JA, et al. (2021) Biological sex, not reproductive cycle, influences peripheral blood immune cell prevalence in mice. *The Journal of physiology*, 599(8), 2169.

Biram A, et al. (2020) B Cell Diversification Is Uncoupled from SAP-Mediated Selection Forces in Chronic Germinal Centers within Peyer's Patches. *Cell reports*, 30(6), 1910.

Säwen P, et al. (2018) Murine HSCs contribute actively to native hematopoiesis but with reduced differentiation capacity upon aging. *eLife*, 7.

Castellanos JG, et al. (2018) Microbiota-Induced TNF-like Ligand 1A Drives Group 3 Innate Lymphoid Cell-Mediated Barrier Protection and Intestinal T Cell Activation during

Colitis. *Immunity*, 49(6), 1077.

Benci JL, et al. (2016) Tumor Interferon Signaling Regulates a Multigenic Resistance Program to Immune Checkpoint Blockade. *Cell*, 167(6), 1540.