

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

CD44 Monoclonal Antibody (IM7), eFluor™ 450, eBioscience

RRID:AB_1272246

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 48-0441-82, RRID:AB_1272246)

Antibody Information

URL: http://antibodyregistry.org/AB_1272246

Proper Citation: (Thermo Fisher Scientific Cat# 48-0441-82, RRID:AB_1272246)

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow

Consolidation on 1/2020: AB_1272246, AB_11042586

Antibody Name: CD44 Monoclonal Antibody (IM7), eFluor™ 450, eBioscience

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_1272246

Vendor: Thermo Fisher Scientific

Catalog Number: 48-0441-82

Record Creation Time: 20251213T073523+0000

Record Last Update: 20260225T230659+0000

Ratings and Alerts

No rating or validation information has been found for CD44 Monoclonal Antibody (IM7), eFluor™ 450, eBioscience.

No alerts have been found for CD44 Monoclonal Antibody (IM7), eFluor™ 450, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Zhou X, et al. (2025) Potentiating anti-tumor immunity by re-engaging immune synapse molecules. Cell reports. Medicine, 6(3), 101975.

Cheng JN, et al. (2025) Bone metastases diminish extraosseous response to checkpoint blockade immunotherapy through osteopontin-producing osteoclasts. Cancer cell, 43(6), 1093.

Wang C, et al. (2025) Gut microbe-derived metabolites drive psoriatic inflammation via modulation of skin Th17 cells. Immunity, 58(9), 2241.

Wu Q, et al. (2024) Ferritin heavy chain supports stability and function of the regulatory T cell lineage. The EMBO journal, 43(8), 1445.

Seedhom MO, et al. (2024) Paradoxical imbalance between activated lymphocyte protein synthesis capacity and rapid division rate. eLife, 12.

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.

Barreiro A, et al. (2023) Preclinical evaluation of a COVID-19 vaccine candidate based on a recombinant RBD fusion heterodimer of SARS-CoV-2. iScience, 26(3), 106126.

Sacramento LA, et al. (2023) CCR5 promotes the migration of CD8+ T cells to the leishmanial lesions. bioRxiv : the preprint server for biology.

Macchi C, et al. (2022) Monocarboxylate transporter 1 deficiency impacts CD8+ T lymphocytes proliferation and recruitment to adipose tissue during obesity. iScience, 25(6), 104435.

Ramos S, et al. (2022) A hypometabolic defense strategy against malaria. Cell metabolism, 34(8), 1183.

Fang D, et al. (2022) Differential regulation of transcription factor T-bet induction during NK cell development and T helper-1 cell differentiation. Immunity, 55(4), 639.

Fueyo-González F, et al. (2022) Interferon- γ acts directly on T cells to prolong allograft survival by enhancing regulatory T cell induction through Foxp3 acetylation. *Immunity*, 55(3), 459.

Pelgrom LR, et al. (2022) mTORC1 signaling in antigen-presenting cells of the skin restrains CD8⁺ T cell priming. *Cell reports*, 40(1), 111032.

Ueda K, et al. (2021) MDMX acts as a pervasive preleukemic-to-acute myeloid leukemia transition mechanism. *Cancer cell*, 39(4), 529.

Müller K, et al. (2021) Low immunogenicity of malaria pre-erythrocytic stages can be overcome by vaccination. *EMBO molecular medicine*, 13(4), e13390.

Pease NA, et al. (2021) Tunable, division-independent control of gene activation timing by a polycomb switch. *Cell reports*, 34(12), 108888.

Castellanos CA, et al. (2021) Lymph node-resident dendritic cells drive TH2 cell development involving MARCH1. *Science immunology*, 6(64), eabh0707.

Montalban-Arques A, et al. (2021) Commensal Clostridiales strains mediate effective anti-cancer immune response against solid tumors. *Cell host & microbe*, 29(10), 1573.

Harb H, et al. (2021) Notch4 signaling limits regulatory T-cell-mediated tissue repair and promotes severe lung inflammation in viral infections. *Immunity*, 54(6), 1186.

Olariu V, et al. (2021) Multi-scale Dynamical Modeling of T Cell Development from an Early Thymic Progenitor State to Lineage Commitment. *Cell reports*, 34(2), 108622.