

Resource Summary Report

Generated by [dkNET](#) on Aug 6, 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 [dkNET](#) .

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

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

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.

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.

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

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.

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

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

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.