

Resource Summary Report

Generated by [dkNET](#) on Jul 31, 2026

CD44 Monoclonal Antibody (IM7), PerCP-Cyanine5.5, eBioscience

RRID:AB_925746

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 45-0441-82, RRID:AB_925746)

Antibody Information

URL: http://antibodyregistry.org/AB_925746

Proper Citation: (Thermo Fisher Scientific Cat# 45-0441-82, RRID:AB_925746)

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_925746, AB_10237715

Antibody Name: CD44 Monoclonal Antibody (IM7), PerCP-Cyanine5.5, eBioscience

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_925746

Vendor: Thermo Fisher Scientific

Catalog Number: 45-0441-82

Record Creation Time: 20251213T073755+0000

Record Last Update: 20260225T230932+0000

Ratings and Alerts

No rating or validation information has been found for CD44 Monoclonal Antibody (IM7), PerCP-Cyanine5.5, eBioscience.

No alerts have been found for CD44 Monoclonal Antibody (IM7), PerCP-Cyanine5.5, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Bachem A, et al. (2025) Microbiota-derived butyrate promotes a FOXO1-induced stemness program and preserves CD8+ T cell immunity against melanoma. *Immunity*, 58(11), 2799.

Coulibaly ASK, et al. (2025) Id2 levels determine the development of effector vs. exhausted tissue-resident memory CD8+ T cells during CNS chronic infection. *Cell reports*, 44(6), 115861.

St Paul M, et al. (2024) Ex vivo activation of the GCN2 pathway metabolically reprograms T cells, leading to enhanced adoptive cell therapy. *Cell reports. Medicine*, 5(3), 101465.

Goldberger Z, et al. (2023) Membrane-localized neoantigens predict the efficacy of cancer immunotherapy. *Cell reports. Medicine*, 4(8), 101145.

Textor J, et al. (2023) Machine learning analysis of the T cell receptor repertoire identifies sequence features of self-reactivity. *Cell systems*, 14(12), 1059.

Mandarano AH, et al. (2023) DRAK2 contributes to type 1 diabetes by negatively regulating IL-2 sensitivity to alter regulatory T cell development. *Cell reports*, 42(2), 112106.

Cortes JR, et al. (2022) Oncogenic Vav1-Myo1f induces therapeutically targetable macrophage-rich tumor microenvironment in peripheral T cell lymphoma. *Cell reports*, 39(3), 110695.

Stienne C, et al. (2022) Btla signaling in conventional and regulatory lymphocytes coordinately tempers humoral immunity in the intestinal mucosa. *Cell reports*, 38(12), 110553.

VanDyke D, et al. (2022) Engineered human cytokine/antibody fusion proteins expand regulatory T cells and confer autoimmune disease protection. *Cell reports*, 41(3), 111478.

Fernández-García J, et al. (2022) CD8+ T cell metabolic rewiring defined by scRNA-seq identifies a critical role of ASNS expression dynamics in T cell differentiation. *Cell reports*,

41(7), 111639.

Wang W, et al. (2022) Mobilizing phospholipids on tumor plasma membrane implicates phosphatidylserine externalization blockade for cancer immunotherapy. *Cell reports*, 41(5), 111582.

Sano T, et al. (2021) Redundant cytokine requirement for intestinal microbiota-induced Th17 cell differentiation in draining lymph nodes. *Cell reports*, 36(8), 109608.

St Paul M, et al. (2021) Coenzyme A fuels T cell anti-tumor immunity. *Cell metabolism*, 33(12), 2415.

Bhattacharjee A, et al. (2021) Environmental enteric dysfunction induces regulatory T cells that inhibit local CD4⁺ T cell responses and impair oral vaccine efficacy. *Immunity*, 54(8), 1745.

Rogers D, et al. (2021) Pre-existing chromatin accessibility and gene expression differences among naive CD4⁺ T cells influence effector potential. *Cell reports*, 37(9), 110064.

Ho JSY, et al. (2020) Hybrid Gene Origination Creates Human-Virus Chimeric Proteins during Infection. *Cell*, 181(7), 1502.

Wu L, et al. (2020) Niche-Selective Inhibition of Pathogenic Th17 Cells by Targeting Metabolic Redundancy. *Cell*, 182(3), 641.

Dingler FA, et al. (2020) Two Aldehyde Clearance Systems Are Essential to Prevent Lethal Formaldehyde Accumulation in Mice and Humans. *Molecular cell*, 80(6), 996.

Cordeiro B, et al. (2020) MicroRNA-9 Fine-Tunes Dendritic Cell Function by Suppressing Negative Regulators in a Cell-Type-Specific Manner. *Cell reports*, 31(5), 107585.

Hollern DP, et al. (2019) B Cells and T Follicular Helper Cells Mediate Response to Checkpoint Inhibitors in High Mutation Burden Mouse Models of Breast Cancer. *Cell*, 179(5), 1191.