

Resource Summary Report

Generated by [RRID](#) on Sep 9, 2026

CD44 Monoclonal Antibody (IM7), Alexa Fluor™ 700, eBioscience

RRID:AB_494011

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 56-0441-82, RRID:AB_494011

Antibody Information

URL: http://antibodyregistry.org/AB_494011

Proper Citation: Thermo Fisher Scientific Cat# 56-0441-82, RRID:AB_494011

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_494011, AB_10120782

Antibody Name: CD44 Monoclonal Antibody (IM7), Alexa Fluor™ 700, eBioscience

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_494011

Vendor: Thermo Fisher Scientific

Catalog Number: 56-0441-82

Record Creation Time: 20251213T073826+0000

Record Last Update: 20260903T215539+0000

Ratings and Alerts

No rating or validation information has been found for CD44 Monoclonal Antibody (IM7), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD44 Monoclonal Antibody (IM7), Alexa Fluor™ 700, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 37 mentions in open access literature.

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

Xie X, et al. (2026) Eos plays a critical role in Treg homeostasis and modulates the function of recirculating thymic Tregs in the control of Treg development. Cell reports, 45(1), 116838.

Antunes Fernandes K, et al. (2026) Maternal helminths rewire the microbiota to promote offspring antiviral immunity. Cell host & microbe, 34(6), 1050.

Murakami R, et al. (2026) Foxp3 and BATF cooperatively direct cis-regulatory programs and gene expression for effector Treg cell differentiation. Immunity, 59(5), 1253.

Lanzar ZR, et al. (2025) IL-27 promotes Treg cell expression of CD122 and fitness at homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 122(50), e2519141122.

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.

Lanzar ZR, et al. (2025) De-coupling immune parameters and toxicity associated with IL-12 agonism. Cell reports, 44(6), 115840.

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.

Meril S, et al. (2024) Loss of EIF4G2 mediates aggressiveness in distinct human endometrial cancer subpopulations with poor survival outcome in patients. Oncogene.

Funk MC, et al. (2023) Aged intestinal stem cells propagate cell-intrinsic sources of inflammaging in mice. Developmental cell, 58(24), 2914.

Xu W, et al. (2023) GOT1 regulates CD8+ effector and memory T cell generation. Cell reports, 42(1), 111987.

Hidalgo-Villeda F, et al. (2023) Prolonged dysbiosis and altered immunity under nutritional intervention in a physiological mouse model of severe acute malnutrition. *iScience*, 26(6), 106910.

Enamorado M, et al. (2023) Immunity to the microbiota promotes sensory neuron regeneration. *Cell*, 186(3), 607.

Shao TY, et al. (2023) Kruppel-like factor 2+ CD4 T cells avert microbiota-induced intestinal inflammation. *Cell reports*, 42(11), 113323.

McClory SE, et al. (2023) The pseudokinase Trib1 regulates the transition of exhausted T cells to a KLR+ CD8+ effector state, and its deletion improves checkpoint blockade. *Cell reports*, 42(8), 112905.

Wanhainen KM, et al. (2022) P2RX7 Enhances Tumor Control by CD8+ T Cells in Adoptive Cell Therapy. *Cancer immunology research*, 10(7), 871.

Agliano F, et al. (2022) Evaluating the glycolytic potential of mouse costimulated effector CD8+ T cells ex vivo. *STAR protocols*, 3(2), 101441.

Shao TY, et al. (2022) *Candida albicans* oscillating UME6 expression during intestinal colonization primes systemic Th17 protective immunity. *Cell reports*, 39(7), 110837.

Kinsella S, et al. (2021) Attenuation of apoptotic cell detection triggers thymic regeneration after damage. *Cell reports*, 37(1), 109789.

Devi S, et al. (2021) Adrenergic regulation of the vasculature impairs leukocyte interstitial migration and suppresses immune responses. *Immunity*, 54(6), 1219.

Cannons JL, et al. (2021) PI3K γ coordinates transcriptional, chromatin, and metabolic changes to promote effector CD8+ T cells at the expense of central memory. *Cell reports*, 37(2), 109804.