

Resource Summary Report

Generated by [RRID](#) on Sep 10, 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.

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) 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.

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.