

Resource Summary Report

Generated by [kravitz2](#) on Jul 30, 2026

APC anti-mouse/human CD44

RRID:AB_312963

Type: Antibody

Proper Citation

BioLegend Cat# 103012, RRID:AB_312963

Antibody Information

URL: http://antibodyregistry.org/AB_312963

Proper Citation: BioLegend Cat# 103012, RRID:AB_312963

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-mouse/human CD44

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_312963

Vendor: BioLegend

Catalog Number: 103012

Alternative Catalog Numbers: 103011

Record Creation Time: 20250820T041406+0000

Record Last Update: 20250820T182509+0000

Ratings and Alerts

No rating or validation information has been found for APC anti-mouse/human CD44.

No alerts have been found for APC anti-mouse/human CD44.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 67 mentions in open access literature.

Listed below are recent publications. The full list is available at [kravitz2](#) .

Cui Z, et al. (2026) Protocol for studying in vitro mouse primary thymocyte differentiation via retroviral-mediated gene expression and stromal-free stimulation. STAR protocols, 7(1), 104320.

Mears KS, et al. (2025) Therapeutic activation of IL-22-producing innate lymphoid cells enhances host defenses to *Clostridioides difficile* infection. Cell reports, 44(4), 115438.

Qian Y, et al. (2025) Metformin hijacks AMPK-ERK1/2 signaling to trigger a pathogenic "selection trap" and thymic atrophy. Cell reports, 45(1), 116762.

Liu W, et al. (2025) An erythroid-biased FOShi hematopoietic multipotent progenitor subpopulation contributes to adaptation to chronic hypoxia. Cell stem cell, 32(6), 935.

Zhou Y, et al. (2025) Glucose-1-phosphate promotes compartmentalization of glycogen with the pentose phosphate pathway in CD8+ memory T cells. Molecular cell, 85(13), 2535.

de Aquino MTP, et al. (2025) Glutamate receptor-T cell receptor signaling potentiates full CD8+ T cell activation and effector function in tumor immunity. iScience, 28(10), 112772.

Poddar S, et al. (2025) ArfGAP2 promotes STING proton channel activity, cytokine transit, and autoinflammation. Cell, 188(6), 1605.

Rotta G, et al. (2025) Combinatorial treatment with upadacitinib abrogates systemic toxicity of a tumor-targeted IL-2 fusion protein. Journal for immunotherapy of cancer, 13(5).

Yu S, et al. (2025) Caveolin-1/PPAR γ axis suppresses T follicular helper cell response in primary Sjögren disease. Cell reports, 44(8), 116156.

Barandun N, et al. (2025) Targeted localization of the mother centrosome in CD8+ T cells undergoing asymmetric cell division promotes memory formation. Cell reports, 44(1), 115127.

Fike AJ, et al. (2025) IRF7 controls spontaneous autoimmune germinal center and plasma cell checkpoints. bioRxiv : the preprint server for biology.

Chen B, et al. (2025) Tunneling nanotube-mediated stem cell immunomodulation dysfunction promotes adipose inflammation and insulin resistance in GDM. *Cell reports*, 44(11), 116505.

Li T, et al. (2025) Non-canonical PRC1.1 licenses transcriptional response to enable Treg plasticity in immune adaptation. *Molecular cell*, 85(13), 2517.

Xue F, et al. (2025) Combination therapy with alisertib enhances the anti-tumor immunity induced by a liver cancer vaccine. *iScience*, 28(4), 112120.

Guichard V, et al. (2025) Pre-existing epigenetic state and differential NF- κ B activation shape type 2 immune cell responses. *Immunity*, 58(6), 1422.

Tripathi A, et al. (2025) Nrf2 drives activation-driven expansion of CD4⁺T cells by modulating glucose and glutamine metabolism. *Cell reports*, 44(9), 116177.

Van Der Byl W, et al. (2024) The CD8⁺ T cell tolerance checkpoint triggers a distinct differentiation state defined by protein translation defects. *Immunity*, 57(6), 1324.

Lim S, et al. (2024) Derivation of functional thymic epithelial organoid lines from adult murine thymus. *Cell reports*, 43(4), 114019.

Jacobs MME, et al. (2024) Trained immunity is regulated by T cell-induced CD40-TRAF6 signaling. *Cell reports*, 43(9), 114664.

Gassaway BM, et al. (2024) Profiling Proteins and Phosphorylation Sites During T Cell Activation Using an Integrated Thermal Shift Assay. *Molecular & cellular proteomics : MCP*, 23(7), 100801.