

Resource Summary Report

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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: 20231110T081455+0000

Record Last Update: 20241115T104046+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 49 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

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.

Kögl T, et al. (2024) Patients and mice with deficiency in the SNARE protein SYNTAXIN-11 have a secondary B cell defect. *The Journal of experimental medicine*, 221(7).

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.

Camargo CP, et al. (2024) Single-cell adhesive profiling in an optofluidic device elucidates CD8+ T lymphocyte phenotypes in inflamed vasculature-like microenvironments. *Cell reports methods*, 4(4), 100743.

Camargo CP, et al. (2023) Adhesion analysis via a tumor vasculature-like microfluidic device identifies CD8+ T cells with enhanced tumor homing to improve cell therapy. *Cell reports*, 42(3), 112175.

Lim K, et al. (2023) Organoid modeling of human fetal lung alveolar development reveals mechanisms of cell fate patterning and neonatal respiratory disease. *Cell stem cell*, 30(1), 20.

Kasuya T, et al. (2023) Epithelial cell-derived cytokine TSLP activates regulatory T cells by enhancing fatty acid uptake. *Scientific reports*, 13(1), 1653.

Cui K, et al. (2023) Restraint of IFN- γ expression through a distal silencer CNS-28 for tissue homeostasis. *Immunity*, 56(5), 944.

Fike AJ, et al. (2023) STAT3 signaling in B cells controls germinal center zone organization and recycling. *Cell reports*, 42(5), 112512.

Xiao Z, et al. (2023) METTL3-mediated m6A methylation orchestrates mRNA stability and dsRNA contents to equilibrate ?? T1 and ?? T17 cells. *Cell reports*, 42(7), 112684.

Zhang Y, et al. (2023) IL-27 mediates immune response of pneumococcal vaccine SPY1 through Th17 and memory CD4+T cells. *iScience*, 26(8), 107464.

Okamoto M, et al. (2023) A genetic method specifically delineates Th1-type Treg cells and their roles in tumor immunity. *Cell reports*, 42(7), 112813.

Mohammadpour H, et al. (2023) Galectin-3 expression in donor T cells reduces GvHD severity and lethality after allogeneic hematopoietic cell transplantation. *Cell reports*, 42(3), 112250.

Xu R, et al. (2023) TNFR2+ regulatory T cells protect against bacteremic pneumococcal pneumonia by suppressing IL-17A-producing ?? T cells in the lung. *Cell reports*, 42(2), 112054.

Yoshimatsu Y, et al. (2022) Aryl hydrocarbon receptor signals in epithelial cells govern the recruitment and location of Helios+ Tregs in the gut. *Cell reports*, 39(6), 110773.

Meng J, et al. (2022) Tumor-derived Jagged1 promotes cancer progression through immune evasion. *Cell reports*, 38(10), 110492.

Gawish R, et al. (2022) ACE2 is the critical in vivo receptor for SARS-CoV-2 in a novel COVID-19 mouse model with TNF- and IFN?-driven immunopathology. *eLife*, 11.

Asrir A, et al. (2022) Tumor-associated high endothelial venules mediate lymphocyte entry into tumors and predict response to PD-1 plus CTLA-4 combination immunotherapy. *Cancer cell*, 40(3), 318.

Kang IH, et al. (2022) Quantitative increase in T regulatory cells enhances bone remodeling in osteogenesis imperfecta. *iScience*, 25(9), 104818.