

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

PE anti-mouse/human CD44

RRID:AB_312959

Type: Antibody

Proper Citation

BioLegend Cat# 103008, RRID:AB_312959

Antibody Information

URL: http://antibodyregistry.org/AB_312959

Proper Citation: BioLegend Cat# 103008, RRID:AB_312959

Target Antigen: CD44

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-mouse/human CD44

Description: This monoclonal targets CD44

Target Organism: mouse, human

Clone ID: Clone IM7

Antibody ID: AB_312959

Vendor: BioLegend

Catalog Number: 103008

Alternative Catalog Numbers: 103023, 103024, 103007

Record Creation Time: 20250820T013123+0000

Record Last Update: 20250820T110920+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

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

Meitei HT, et al. (2026) CCL20-CCR6 signaling alters the metabolic reprogramming to promote the pathogenic Th17 cell differentiation. *iScience*, 29(1), 114385.

Song X, et al. (2026) MHC-II-restricted neoantigen vaccine reverses immune microenvironment and overcomes resistance to immune-checkpoint inhibitors in cold tumors. *Med (New York, N.Y.)*, 7(1), 100936.

Hargarten JC, et al. (2025) Pathway-instructed therapeutic selection of ruxolitinib reduces neuroinflammation in fungal postinfectious inflammatory syndrome. *Science advances*, 11(12), eadi9885.

Wu J, et al. (2025) Vitamin B6 preserves the stemness-like phenotypes and antitumor ability of CD8+ T cells. *Developmental cell*.

Xu C, et al. (2025) Tailoring an intravenously injectable oncolytic virus for augmenting radiotherapy. *Cell reports. Medicine*, 6(5), 102078.

Elshikha A, et al. (2024) Glycolysis inhibition functionally reprograms T follicular helper cells and reverses lupus. *bioRxiv : the preprint server for biology*.

Joshi S, et al. (2024) Tim4 enables large peritoneal macrophages to cross-present tumor antigens at early stages of tumorigenesis. *Cell reports*, 43(4), 114096.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. *Science signaling*, 17(822), eadh0439.

Miyamoto M, et al. (2023) CCL21-Ser expression in melanoma cells recruits CCR7+ naïve T cells to tumor tissues and promotes tumor growth. *Cancer science*, 114(9), 3509.

Azizov V, et al. (2023) Alcohol-sourced acetate impairs T cell function by promoting cortactin acetylation. *iScience*, 26(7), 107230.

Wu Q, et al. (2023) Renal control of life-threatening malarial anemia. *Cell reports*, 42(2), 112057.

Gräbnitz F, et al. (2023) Asymmetric cell division safeguards memory CD8 T cell development. *Cell reports*, 42(5), 112468.

Brioschi S, et al. (2023) A Cre-deleter specific for embryo-derived brain macrophages reveals distinct features of microglia and border macrophages. *Immunity*, 56(5), 1027.

Fujie R, et al. (2023) Endogenous CCL21-Ser deficiency reduces B16-F10 melanoma growth by enhanced antitumor immunity. *Heliyon*, 9(8), e19215.

Zhang Y, et al. (2023) CD39 inhibition and VISTA blockade may overcome radiotherapy resistance by targeting exhausted CD8⁺ T cells and immunosuppressive myeloid cells. *Cell reports. Medicine*, 4(8), 101151.

Kamioka Y, et al. (2023) Distinct bidirectional regulation of LFA1 and $\alpha 4 \beta 7$ by Rap1 and integrin adaptors in T cells under shear flow. *Cell reports*, 42(6), 112580.

Taifour T, et al. (2023) The tumor-derived cytokine Chi3l1 induces neutrophil extracellular traps that promote T cell exclusion in triple-negative breast cancer. *Immunity*, 56(12), 2755.

Côrte-Real BF, et al. (2023) Sodium perturbs mitochondrial respiration and induces dysfunctional Tregs. *Cell metabolism*, 35(2), 299.

Elshikha AS, et al. (2023) Pharmacologic inhibition of glycolysis prevents the development of lupus by altering the gut microbiome in mice. *iScience*, 26(7), 107122.

Cheng J, et al. (2023) Cancer-cell-derived fumarate suppresses the anti-tumor capacity of CD8⁺ T cells in the tumor microenvironment. *Cell metabolism*, 35(6), 961.