

Resource Summary Report

Generated by [dkNET](#) on Aug 16, 2026

PE anti-mouse/human CD44

RRID:AB_493686

Type: Antibody

Proper Citation

BioLegend Cat# 103023, RRID:AB_493686

Antibody Information

URL: http://antibodyregistry.org/AB_493686

Proper Citation: BioLegend Cat# 103023, RRID:AB_493686

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_493686

Vendor: BioLegend

Catalog Number: 103023

Alternative Catalog Numbers: 103024, 103007, 103008

Record Creation Time: 20250820T032524+0000

Record Last Update: 20250820T161221+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 15 mentions in open access literature.

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

Martínez-Illescas NG, et al. (2026) Tumor ecology and the paradox of clean margins in multicentric breast cancer: an exploratory organoid-based functional study. Breast cancer research : BCR, 28(1).

Morshed N, et al. (2026) iAstrocytes model cytokine influences on complement expression and neuronal network synchronization. bioRxiv : the preprint server for biology.

Mahat DB, et al. (2025) Mutant p53 exploits enhancers to elevate immunosuppressive chemokine expression and impair immune checkpoint inhibitors in pancreatic cancer. Immunity, 58(7), 1688.

Carvalho Cabral P, et al. (2024) Time of day and circadian disruption influence host response and parasite growth in a mouse model of cerebral malaria. iScience, 27(5), 109684.

Ou Q, et al. (2024) Apoptosis releases hydrogen sulfide to inhibit Th17 cell differentiation. Cell metabolism, 36(1), 78.

Grigsby SJ, et al. (2024) CpsA mediates infection of recruited lung myeloid cells by Mycobacterium tuberculosis. Cell reports, 43(1), 113607.

Mahat DB, et al. (2024) Mutant p53 Exploits Enhancers to Elevate Immunosuppressive Chemokine Expression and Impair Immune Checkpoint Inhibitors in Pancreatic Cancer. bioRxiv : the preprint server for biology.

Helble JD, et al. (2023) Single-cell RNA sequencing of murine ankle joints over time reveals distinct transcriptional changes following Borrelia burgdorferi infection. iScience, 26(11), 108217.

Zhai ZH, et al. (2023) Feline umbilical cord-derived mesenchymal stem cells: isolation, identification, and antioxidative stress role through NF- κ B signaling pathway. Frontiers in veterinary science, 10, 1203012.

Zhang F, et al. (2022) The immunometabolite S-2-hydroxyglutarate exacerbates perioperative ischemic brain injury and cognitive dysfunction by enhancing CD8⁺ T lymphocyte-mediated neurotoxicity. Journal of neuroinflammation, 19(1), 176.

Herbst SA, et al. (2021) Phagocytosis by stroma confounds coculture studies. *iScience*, 24(9), 103062.

Argüello RJ, et al. (2020) SCENITH: A Flow Cytometry-Based Method to Functionally Profile Energy Metabolism with Single-Cell Resolution. *Cell metabolism*, 32(6), 1063.

Zhang NN, et al. (2020) A Thermostable mRNA Vaccine against COVID-19. *Cell*, 182(5), 1271.

Santos CP, et al. (2019) Urothelial organoids originating from Cd49f^{high} mouse stem cells display Notch-dependent differentiation capacity. *Nature communications*, 10(1), 4407.

Fan MY, et al. (2018) Differential Roles of IL-2 Signaling in Developing versus Mature Tregs. *Cell reports*, 25(5), 1204.