

Resource Summary Report

Generated by ASWG on Aug 9, 2026

PE/Cyanine7 anti-mouse CD45

RRID:AB_312978

Type: Antibody

Proper Citation

BioLegend Cat# 103113, RRID:AB_312978

Antibody Information

URL: http://antibodyregistry.org/AB_312978

Proper Citation: BioLegend Cat# 103113, RRID:AB_312978

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_312978

Vendor: BioLegend

Catalog Number: 103113

Alternative Catalog Numbers: 103114

Record Creation Time: 20250819T212209+0000

Record Last Update: 20250819T224403+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD45.

No alerts have been found for PE/Cyanine7 anti-mouse CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 48 mentions in open access literature.

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

Alleyne D, et al. (2026) Distinct contributions of Etv2+ and Flk1+ progenitors to endothelial, hematopoietic, and cardiac lineages. *Cell reports*, 45(1), 116733.

Cao Z, et al. (2026) CRISPR-based functional genomics for dissecting therapeutic dependency in primary acute myeloid leukemia samples. *Molecular cell*, 86(5), 968.

Liu Y, et al. (2026) Hepatitis B virus promotes hepatocellular carcinogenesis by activating IL-6-dependent tumor-macrophage crosstalk and M2-like macrophage polarization. *The Journal of biological chemistry*, 302(8), 113283.

Li P, et al. (2026) Changes in the microglial phenotype drive neuroinflammation independent of systemic inflammation in the acute stage of heatstroke. *iScience*, 29(4), 115254.

Kama Y, et al. (2026) Notch interaction with RUNX factors regulates initiation of the T-lineage program. *The Journal of experimental medicine*, 223(2).

Zhu L, et al. (2026) A Circulating GPNMB-Based Multimodal Model Integrates Tumor-Immune Crosstalk to Predict Immunotherapy Response in Esophageal Cancer. *Cancer discovery*, 16(7), 1360.

Duguid A, et al. (2026) miR-93-mediated PTEN suppression and CNS-specific T cell exhaustion shape the leukemia niche in infant KMT2A::AFF1+ B-ALL. *Cell reports*, 45(5), 117353.

Eissa IR, et al. (2026) The CD49b (ITGA2) collagen receptor excludes CD8+ T cell infiltration in pancreatic ductal adenocarcinoma. *iScience*, 29(7), 116500.

Al Jawazneh A, et al. (2026) Bile acid retention in efferocytic macrophages shapes their inflammatory status during cholangitis. *The Journal of experimental medicine*, 223(7).

Marco S, et al. (2026) Radiotherapy synergizes with an inducible AAV-based immunotherapy platform to program local and systemic antitumor immunity. *Cancer cell*, 44(5), 995.

Fischer S, et al. (2026) Loss of ADAMTS9 disrupts ciliogenesis and collagen homeostasis resulting in Nephronophthisis-like polycystic kidneys. *bioRxiv : the preprint server for biology*.

Zhang H, et al. (2026) VGLL4 modulates Paneth cells and sustains intestinal homeostasis. *EMBO reports*, 27(5), 1353.

Kimura T, et al. (2025) Extracellular vesicles of cancer cells induce FOXP3+ fibroblasts and facilitate tumor invasion via the Wnt3- β -catenin pathway. *Oncogene*.

Cao Z, et al. (2025) Interferon- γ -stimulated antigen-presenting cancer-associated fibroblasts hinder neoadjuvant chemoimmunotherapy efficacy in lung cancer. *Cell reports. Medicine*, 6(3), 102017.

Lucibello G, et al. (2025) Harnessing Distinct Tissue-Resident Immune Niches via S100A9/TLR4 Improves Ketone, Lipid, and Glucose Metabolism. *Endocrinology*, 166(10).

Xing Y, et al. (2025) Long-range deployment of tumor-antigen-specific cytotoxic T lymphocytes inhibits lung metastasis of breast cancer. *Developmental cell*.

Tang R, et al. (2025) Stromal Stiffness-Regulated IGF2BP2 in Pancreatic Cancer Drives Immune Evasion via Sphingomyelin Metabolism. *Gastroenterology*, 169(4), 615.

Aisenberg WH, et al. (2025) Direct microglia replacement reveals pathologic and therapeutic contributions of brain macrophages to a monogenic neurological disease. *Immunity*, 58(5), 1254.

Nakajima-Koyama M, et al. (2025) The balance between IFN- γ and ERK/MAPK signaling activities ensures lifelong maintenance of intestinal stem cells. *Cell reports*, 44(3), 115286.

Grammer C, et al. (2024) Vhl safeguards thymic epithelial cell identity and thymopoietic capacity by constraining Hif1a activity during development. *iScience*, 27(7), 110258.