Resource Summary Report

Generated by kravitz2 on Jul 31, 2026

PE/Cyanine7 anti-human CD45

RRID:AB_314404
Type: Antibody

Proper Citation

BioLegend Cat# 304016, RRID:AB_314404

Antibody Information

URL: http://antibodyregistry.org/AB_314404

Proper Citation: BioLegend Cat# 304016, RRID:AB_314404

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_314404

Vendor: BioLegend

Catalog Number: 304016

Alternative Catalog Numbers: 304015

Record Creation Time: 20250819T222112+0000

Record Last Update: 20250820T015523+0000

Ratings and Alerts

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

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

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 13 mentions in open access literature.

Listed below are recent publications. The full list is available at kravitz2 .

Zhang X, et al. (2025) Activation of the impaired NAMPT/SIRT7/SOD2 axis restores alveolar progenitor cell homeostasis in idiopathic pulmonary fibrosis and reverses pulmonary fibrosis in mice. bioRxiv : the preprint server for biology.

Seo S, et al. (2025) Allelic bias contributes to heterogeneous phenotypes of NK cell deficiency. Cell reports, 44(8), 116102.

Lanman NA, et al. (2024) Infiltrating lipid-rich macrophage subpopulations identified as a regulator of increasing prostate size in human benign prostatic hyperplasia. Frontiers in immunology, 15, 1494476.

Yamada K, et al. (2024) Protocol for immunophenotyping out-of-hospital cardiac arrest patients. STAR protocols, 5(1), 102874.

Della Volpe L, et al. (2024) A p38 MAPK-ROS axis fuels proliferation stress and DNA damage during CRISPR-Cas9 gene editing in hematopoietic stem and progenitor cells. Cell reports. Medicine, 5(11), 101823.

Liang J, et al. (2023) Reciprocal interactions between alveolar progenitor dysfunction and aging promote lung fibrosis. eLife, 12.

Kim H, et al. (2023) Differential DNA damage repair and PARP inhibitor vulnerability of the mammary epithelial lineages. Cell reports, 42(10), 113256.

Kitagawa Y, et al. (2023) ZEB2 and MEIS1 independently contribute to hematopoiesis via early hematopoietic enhancer activation. iScience, 26(10), 107893.

Moquin-Beaudry G, et al. (2022) Autologous humanized mouse models of iPSC-derived tumors enable characterization and modulation of cancer-immune cell interactions. Cell reports methods, 2(1), 100153.

Omer-Javed A, et al. (2022) Mobilization-based chemotherapy-free engraftment of gene-edited human hematopoietic stem cells. Cell, 185(13), 2248.

Liang J, et al. (2022) The ZIP8/SIRT1 axis regulates alveolar progenitor cell renewal in aging and idiopathic pulmonary fibrosis. The Journal of clinical investigation, 132(11).

Liu X, et al. (2021) Categorization of lung mesenchymal cells in development and fibrosis. iScience, 24(6), 102551.

Brown CC, et al. (2019) Transcriptional Basis of Mouse and Human Dendritic Cell Heterogeneity. Cell, 179(4), 846.