

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 2, 2025

APC/Cyanine7 anti-human CD45

RRID:AB_314402

Type: Antibody

Proper Citation

(BioLegend Cat# 304014, RRID:AB_314402)

Antibody Information

URL: http://antibodyregistry.org/AB_314402

Proper Citation: (BioLegend Cat# 304014, RRID:AB_314402)

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC/Cyanine7 anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_314402

Vendor: BioLegend

Catalog Number: 304014

Record Creation Time: 20231110T044958+0000

Record Last Update: 20241115T045853+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 45 mentions in open access literature.

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

Shafiei-Jahani P, et al. (2024) CB2 stimulation of adipose resident ILC2s orchestrates immune balance and ameliorates type 2 diabetes mellitus. *Cell reports*, 43(7), 114434.

Benguigui M, et al. (2024) Interferon-stimulated neutrophils as a predictor of immunotherapy response. *Cancer cell*, 42(2), 253.

Irie M, et al. (2024) Protocol for lentiviral vector-based gene transfection in human ILC2s. *STAR protocols*, 5(1), 102854.

Hurrell BP, et al. (2024) Piezo1 channels restrain ILC2s and regulate the development of airway hyperreactivity. *The Journal of experimental medicine*, 221(5).

Wang Y, et al. (2024) Venetoclax acts as an immunometabolic modulator to potentiate adoptive NK cell immunotherapy against leukemia. *Cell reports. Medicine*, 5(6), 101580.

Lomakin YA, et al. (2024) Two-dimensional high-throughput on-cell screening of immunoglobulins against broad antigen repertoires. *Communications biology*, 7(1), 842.

Cui L, et al. (2024) Targeting Arachidonic Acid Metabolism Enhances Immunotherapy Efficacy in ARID1A-Deficient Colorectal Cancer. *Cancer research*.

Lin M, et al. (2024) Inflammatory dendritic cells restrain CD11b+CD4+ CTLs via CD200R in human NSCLC. *Cell reports*, 43(2), 113767.

Labrosse KB, et al. (2024) Protocol for quantifying drug sensitivity in 3D patient-derived ovarian cancer models. *STAR protocols*, 5(3), 103274.

Tasis A, et al. (2024) Single-Cell Analysis of Bone Marrow CD8+ T Cells in Myeloid Neoplasms Reveals Pathways Associated with Disease Progression and Response to Treatment with Azacitidine. *Cancer research communications*, 4(12), 3067.

Irie M, et al. (2023) Annexin A1 is a cell-intrinsic metalloregulator of zinc in human ILC2s. *Cell reports*, 42(6), 112610.

Ma K, et al. (2023) CEA cell adhesion molecule 5 enriches functional human hematopoietic stem cells capable of long-term multi-lineage engraftment. *iScience*, 26(12), 108561.

Cheng Y, et al. (2023) High NEK2 expression in myeloid progenitors suppresses T cell immunity in multiple myeloma. *Cell reports. Medicine*, 4(10), 101214.

Sikder MAA, et al. (2023) Maternal diet modulates the infant microbiome and intestinal Flt3L necessary for dendritic cell development and immunity to respiratory infection. *Immunity*, 56(5), 1098.

Liu X, et al. (2023) Protocol for identifying immune checkpoint on circulating tumor cells of human pancreatic ductal adenocarcinoma by single-cell RNA sequencing. *STAR protocols*, 4(3), 102539.

Hong J, et al. (2023) Non-overlapping epitopes on the gHgL-gp42 complex for the rational design of a triple-antibody cocktail against EBV infection. *Cell reports. Medicine*, 4(11), 101296.

Becker HJ, et al. (2023) Controlling genetic heterogeneity in gene-edited hematopoietic stem cells by single-cell expansion. *Cell stem cell*, 30(7), 987.

Schafer ST, et al. (2023) An in vivo neuroimmune organoid model to study human microglia phenotypes. *Cell*, 186(10), 2111.

Wang C, et al. (2023) Dysregulated lung stroma drives emphysema exacerbation by potentiating resident lymphocytes to suppress an epithelial stem cell reservoir. *Immunity*, 56(3), 576.

Liu X, et al. (2023) Immune checkpoint HLA-E:CD94-NKG2A mediates evasion of circulating tumor cells from NK cell surveillance. *Cancer cell*, 41(2), 272.