

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

Pacific Blue(TM) anti-human CD45

RRID:AB_493655

Type: Antibody

Proper Citation

(BioLegend Cat# 304022, RRID:AB_493655)

Antibody Information

URL: http://antibodyregistry.org/AB_493655

Proper Citation: (BioLegend Cat# 304022, RRID:AB_493655)

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Pacific Blue(TM) anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_493655

Vendor: BioLegend

Catalog Number: 304022

Alternative Catalog Numbers: 304029, 304021

Record Creation Time: 20231110T044338+0000

Record Last Update: 20241115T055129+0000

Ratings and Alerts

No rating or validation information has been found for Pacific Blue(TM) anti-human CD45.

No alerts have been found for Pacific Blue(TM) 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 [FDI Lab - SciCrunch.org](#).

Lu MJ, et al. (2024) SLC25A51 decouples the mitochondrial NAD⁺/NADH ratio to control proliferation of AML cells. *Cell metabolism*, 36(4), 808.

Hofman T, et al. (2024) IFN γ mediates the resistance of tumor cells to distinct NK cell subsets. *Journal for immunotherapy of cancer*, 12(7).

Wu G, et al. (2023) Preclinical evaluation of CD70-specific CAR T cells targeting acute myeloid leukemia. *Frontiers in immunology*, 14, 1093750.

Pelletier J, et al. (2023) Niche-expressed Galectin-1 is involved in pre-B acute lymphoblastic leukemia relapse through pre-B cell receptor activation. *iScience*, 26(4), 106385.

Luoma AM, et al. (2022) Tissue-resident memory and circulating T cells are early responders to pre-surgical cancer immunotherapy. *Cell*, 185(16), 2918.

Biermann J, et al. (2022) Dissecting the treatment-naïve ecosystem of human melanoma brain metastasis. *Cell*, 185(14), 2591.

Riether C, et al. (2021) Metoclopramide treatment blocks CD93-signaling-mediated self-renewal of chronic myeloid leukemia stem cells. *Cell reports*, 34(4), 108663.

Kenswil KJG, et al. (2021) Endothelium-derived stromal cells contribute to hematopoietic bone marrow niche formation. *Cell stem cell*, 28(4), 653.

Zee BM, et al. (2021) Combined epigenetic and metabolic treatments overcome differentiation blockade in acute myeloid leukemia. *iScience*, 24(6), 102651.

Bonifacius A, et al. (2021) COVID-19 immune signatures reveal stable antiviral T cell function despite declining humoral responses. *Immunity*, 54(2), 340.

Lu Y, et al. (2020) Complement Signals Determine Opposite Effects of B Cells in

Chemotherapy-Induced Immunity. *Cell*, 180(6), 1081.

Luoma AM, et al. (2020) Molecular Pathways of Colon Inflammation Induced by Cancer Immunotherapy. *Cell*, 182(3), 655.

Lu Y, et al. (2020) Protocol for Single-Cell Analysis of Tumor-Infiltrating B Cells Isolated from Human Breast Cancer Tissue Before and After Neo-adjuvant Chemotherapy. *STAR protocols*, 1(1), 100040.