

Resource Summary Report

Generated by [NIF](#) on Jul 28, 2026

Alexa Fluor(R) 700 anti-human CD45

RRID:AB_493760

Type: Antibody

Proper Citation

BioLegend Cat# 304023, RRID:AB_493760

Antibody Information

URL: http://antibodyregistry.org/AB_493760

Proper Citation: BioLegend Cat# 304023, RRID:AB_493760

Target Antigen: CD45

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: Alexa Fluor(R) 700 anti-human CD45

Description: This monoclonal targets CD45

Target Organism: human

Clone ID: Clone HI30

Antibody ID: AB_493760

Vendor: BioLegend

Catalog Number: 304023

Alternative Catalog Numbers: 304024

Record Creation Time: 20250820T031357+0000

Record Last Update: 20250820T154205+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 700 anti-human CD45.

No alerts have been found for Alexa Fluor(R) 700 anti-human CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Butler TD, et al. (2025) Colonic inflammation modulates the intestinal circadian landscape. iScience, 28(8), 113183.

Moreno Rueda LY, et al. (2025) Single-cell analysis of neoplastic plasma cells identifies myeloma pathobiology mediators and potential targets. Cell reports. Medicine, 6(2), 101925.

Niu N, et al. (2024) Tumor cell-intrinsic epigenetic dysregulation shapes cancer-associated fibroblasts heterogeneity to metabolically support pancreatic cancer. Cancer cell, 42(5), 869.

Vanhaver C, et al. (2024) Immunosuppressive low-density neutrophils in the blood of cancer patients display a mature phenotype. Life science alliance, 7(1).

Lim YJ, et al. (2024) MicroRNA-19b exacerbates systemic sclerosis through promoting Th9 cells. Cell reports, 43(8), 114565.

Otte F, et al. (2023) Revealing viral and cellular dynamics of HIV-1 at the single-cell level during early treatment periods. Cell reports methods, 3(6), 100485.

Ruf B, et al. (2023) Tumor-associated macrophages trigger MAIT cell dysfunction at the HCC invasive margin. Cell, 186(17), 3686.

Maas RR, et al. (2023) The local microenvironment drives activation of neutrophils in human brain tumors. Cell, 186(21), 4546.

Fedyk ER, et al. (2020) Safety, tolerability, pharmacokinetics and pharmacodynamics of the anti-CD38 cytolytic antibody TAK-079 in healthy subjects. British journal of clinical pharmacology, 86(7), 1314.

Gupta R, et al. (2020) Nov/CCN3 Enhances Cord Blood Engraftment by Rapidly Recruiting Latent Human Stem Cell Activity. Cell stem cell, 26(4), 527.

Weisberg SP, et al. (2019) Tissue-Resident Memory T Cells Mediate Immune Homeostasis in the Human Pancreas through the PD-1/PD-L1 Pathway. Cell reports,

29(12), 3916.

Halim TYF, et al. (2018) Tissue-Restricted Adaptive Type 2 Immunity Is Orchestrated by Expression of the Costimulatory Molecule OX40L on Group 2 Innate Lymphoid Cells. *Immunity*, 48(6), 1195.

Booth CAG, et al. (2018) Ezh2 and Runx1 Mutations Collaborate to Initiate Lympho-Myeloid Leukemia in Early Thymic Progenitors. *Cancer cell*, 33(2), 274.

Kinchen J, et al. (2018) Structural Remodeling of the Human Colonic Mesenchyme in Inflammatory Bowel Disease. *Cell*, 175(2), 372.