

# 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](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.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## 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.

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

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

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.

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.