

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

Alexa Fluor(R) 700 anti-mouse CD45

RRID:AB_493714

Type: Antibody

Proper Citation

(BioLegend Cat# 103127, RRID:AB_493714)

Antibody Information

URL: http://antibodyregistry.org/AB_493714

Proper Citation: (BioLegend Cat# 103127, RRID:AB_493714)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, SB

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

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_493714

Vendor: BioLegend

Catalog Number: 103127

Alternative Catalog Numbers: 103128

Record Creation Time: 20260218T231545+0000

Record Last Update: 20260225T233551+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 42 mentions in open access literature.

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

Castelli S, et al. (2026) IL-9 signaling redirects CAR T cell fate toward CD8+ memory and CD4+ cycling states, enhancing antitumor efficacy. *Immunity*, 59(1), 195.

Lu G, et al. (2026) In vivo detection of immune responses via cytokine activity labeling. *Cell*.

Lambert F, et al. (2025) Antibody-mediated TGF- β 1 activation for the treatment of diseases caused by deleterious T cell activity. *Cell reports*, 44(8), 116061.

Koblan LW, et al. (2025) High-resolution spatial mapping of cell state and lineage dynamics in vivo with PEtracer. *Science (New York, N.Y.)*, eadx3800.

Mears KS, et al. (2025) Therapeutic activation of IL-22-producing innate lymphoid cells enhances host defenses to *Clostridioides difficile* infection. *Cell reports*, 44(4), 115438.

Lecointre M, et al. (2025) HPV16-Expressing Tumors Release Multiple IL1 Ligands to Orchestrate Systemic Immunosuppression Whose Disruption Enables Efficacy of a Therapeutic Vaccine. *Cancer discovery*, 15(7), 1458.

Levin S, et al. (2025) Immature monocytic cells within tumors differentiate into immunosuppressive cells in resistant tumors to immunotherapy. *iScience*, 28(8), 113141.

Tursi NJ, et al. (2025) Modulation of lipid nanoparticle-formulated plasmid DNA drives innate immune activation promoting adaptive immunity. *Cell reports. Medicine*, 6(4), 102035.

Lubrano S, et al. (2025) FAK inhibition combined with the RAF-MEK clamp avutometinib overcomes resistance to targeted and immune therapies in BRAF V600E melanoma. *Cancer cell*, 43(3), 428.

Wright SS, et al. (2025) Transplantation of gasdermin pores by extracellular vesicles propagates pyroptosis to bystander cells. *Cell*, 188(2), 280.

Labiano S, et al. (2025) Targeting the CD40 costimulatory receptor to improve virotherapy efficacy in diffuse midline gliomas. *Cell reports. Medicine*, 6(7), 102204.

Vasudev A, et al. (2025) Coordinated changes in stromal and hematopoietic cells that define the perinatal to juvenile transition in the mouse thymus. *Cell reports*, 44(12), 116677.

Porazzi P, et al. (2025) EZH1/EZH2 inhibition enhances adoptive T cell immunotherapy against multiple cancer models. *Cancer cell*, 43(3), 537.

Qian J, et al. (2025) A CXCR4 partial agonist improves immunotherapy by targeting immunosuppressive neutrophils and cancer-driven granulopoiesis. *Cancer cell*, 43(8), 1512.

Gawish R, et al. (2025) Filamin A editing in myeloid cells reduces intestinal inflammation and protects from colitis. *The Journal of experimental medicine*, 222(9).

Murphy MK, et al. (2025) The transcriptional repressor BLIMP1 enforces TCF-1-dependent and -independent restriction of the memory fate of CD8⁺ T cells. *Immunity*, 58(10), 2472.

Rokan A, et al. (2025) Evolution of a melanoma that escapes allogeneic rejection. *Cell reports*, 44(9), 116288.

Lad M, et al. (2024) Glioblastoma induces the recruitment and differentiation of dendritic-like "hybrid" neutrophils from skull bone marrow. *Cancer cell*, 42(9), 1549.

Chen L, et al. (2024) Palmitoylation alters LDHA activity and pancreatic cancer response to chemotherapy. *Cancer letters*, 587, 216696.

Ma B, et al. (2024) Protocol to examine immune subpopulations in murine conjunctiva and lacrimal gland using flow cytometry. *STAR protocols*, 5(1), 102921.