

Resource Summary Report

Generated by [dkNET](#) on Sep 21, 2026

Alexa Fluor(R) 488 anti-mouse CD45

RRID:AB_493532

Type: Antibody

Proper Citation

BioLegend Cat# 103121, RRID:AB_493532

Antibody Information

URL: http://antibodyregistry.org/AB_493532

Proper Citation: BioLegend Cat# 103121, RRID:AB_493532

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, SB

Antibody Name: Alexa Fluor(R) 488 anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_493532

Vendor: BioLegend

Catalog Number: 103121

Alternative Catalog Numbers: 103122

Record Creation Time: 20231110T044339+0000

Record Last Update: 20260829T073055+0000

Ratings and Alerts

No rating or validation information has been found for Alexa Fluor(R) 488 anti-mouse CD45.

No alerts have been found for Alexa Fluor(R) 488 anti-mouse CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Gjonlleshaj P, et al. (2026) African pygmy mouse iPSCs as a model for in vitro embryogenesis, interspecies chimerism, and blastocyst complementation. *Cell reports methods*, 6(2), 101293.

Ning Y, et al. (2026) Ultra short waves alleviate ulcerative colitis via TRPV2 mediated-macrophage polarization. *iScience*, 29(6), 115929.

Chen KY, et al. (2025) Inflammation switches the chemoattractant requirements for naive lymphocyte entry into lymph nodes. *Cell*, 188(4), 1019.

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.

Lee HN, et al. (2024) Ebola virus-induced eye sequelae: a murine model for evaluating glycoprotein-targeting therapeutics. *EBioMedicine*, 104, 105170.

Schweiger MW, et al. (2024) Glioblastoma extracellular vesicles modulate immune PD-L1 expression in accessory macrophages upon radiotherapy. *iScience*, 27(2), 108807.

Lim S, et al. (2024) Derivation of functional thymic epithelial organoid lines from adult murine thymus. *Cell reports*, 43(4), 114019.

Grammer C, et al. (2024) Vhl safeguards thymic epithelial cell identity and thymopoietic capacity by constraining Hif1a activity during development. *iScience*, 27(7), 110258.

Santos SIP, et al. (2024) Oligodendrocyte precursor cell-derived exosomes combined with cell therapy promote clinical recovery by immunomodulation and gliosis attenuation. *Frontiers in cellular neuroscience*, 18, 1413843.

Zou M, et al. (2024) Early-life vitamin A treatment rescues neonatal infection-induced durably impaired tolerogenic properties of celiac lymph nodes. *Cell reports*, 43(5), 114153.

Fahrner A, et al. (2023) Activation of PDGF signaling in the adult muscle stem cell niche in patients with type 2 diabetes mellitus. *The Journal of clinical endocrinology and metabolism*.

Hallett JM, et al. (2022) Human biliary epithelial cells from discarded donor livers rescue bile duct structure and function in a mouse model of biliary disease. *Cell stem cell*, 29(3), 355.

Parida PK, et al. (2022) Metabolic diversity within breast cancer brain-tropic cells determines metastatic fitness. *Cell metabolism*, 34(1), 90.

Abdel-Haq R, et al. (2022) A prebiotic diet modulates microglial states and motor deficits in α -synuclein overexpressing mice. *eLife*, 11.

Giorgetti E, et al. (2019) Modulation of Microglia by Voluntary Exercise or CSF1R Inhibition Prevents Age-Related Loss of Functional Motor Units. *Cell reports*, 29(6), 1539.

Lee EKS, et al. (2018) Leukotriene B₄-Mediated Neutrophil Recruitment Causes Pulmonary Capillaritis during Lethal Fungal Sepsis. *Cell host & microbe*, 23(1), 121.

Biton M, et al. (2018) T Helper Cell Cytokines Modulate Intestinal Stem Cell Renewal and Differentiation. *Cell*, 175(5), 1307.