

Resource Summary Report

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APC/Cyanine7 anti-mouse CD45

RRID:AB_312980

Type: Antibody

Proper Citation

(BioLegend Cat# 103115 (also 103116), RRID:AB_312980)

Antibody Information

URL: http://antibodyregistry.org/AB_312980

Proper Citation: (BioLegend Cat# 103115 (also 103116), RRID:AB_312980)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC/Cyanine7 anti-mouse CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Clone ID: Clone 30-F11

Antibody ID: AB_312980

Vendor: BioLegend

Catalog Number: 103115 (also 103116)

Alternative Catalog Numbers: 103116

Ratings and Alerts

No rating or validation information has been found for APC/Cyanine7 anti-mouse CD45.

No alerts have been found for APC/Cyanine7 anti-mouse CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 44 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Gour N, et al. (2024) A GPCR-neuropeptide axis dampens hyperactive neutrophils by promoting an alternative-like polarization during bacterial infection. *Immunity*, 57(2), 333.

Leuzzi G, et al. (2024) SMARCAL1 is a dual regulator of innate immune signaling and PD-L1 expression that promotes tumor immune evasion. *Cell*, 187(4), 861.

Shapir Itai Y, et al. (2024) Bispecific dendritic-T cell engager potentiates anti-tumor immunity. *Cell*, 187(2), 375.

Yang F, et al. (2023) Ferroptosis heterogeneity in triple-negative breast cancer reveals an innovative immunotherapy combination strategy. *Cell metabolism*, 35(1), 84.

Yofe I, et al. (2023) Spatial and Temporal Mapping of Breast Cancer Lung Metastases Identify TREM2 Macrophages as Regulators of the Metastatic Boundary. *Cancer discovery*, 13(12), 2610.

Thai LM, et al. (2023) γ -cell function is regulated by metabolic and epigenetic programming of islet-associated macrophages, involving Axl, Mertk, and TGF β receptor signaling. *iScience*, 26(4), 106477.

Li H, et al. (2023) Type 2 cytokines promote angiogenesis in ischemic muscle via endothelial IL-4R α signaling. *Cell reports*, 42(8), 112964.

Alam A, et al. (2022) Fungal mycobiome drives IL-33 secretion and type 2 immunity in pancreatic cancer. *Cancer cell*, 40(2), 153.

Lötscher J, et al. (2022) Magnesium sensing via LFA-1 regulates CD8⁺ T cell effector function. *Cell*, 185(4), 585.

Gao H, et al. (2022) MiR-690 treatment causes decreased fibrosis and steatosis and restores specific Kupffer cell functions in NASH. *Cell metabolism*, 34(7), 978.

Li X, et al. (2022) RAGE deficiency ameliorates autoimmune hepatitis involving inhibition of

IL-6 production via suppressing protein Arid5a in mice. Clinical and experimental medicine.

Gao H, et al. (2022) Aberrant iron distribution via hepatocyte-stellate cell axis drives liver lipogenesis and fibrosis. Cell metabolism, 34(8), 1201.

Chong Z, et al. (2022) Nasally delivered interferon- γ protects mice against infection by SARS-CoV-2 variants including Omicron. Cell reports, 39(6), 110799.

Chen S, et al. (2022) Tumor-associated macrophages are shaped by intratumoral high potassium via Kir2.1. Cell metabolism, 34(11), 1843.

Sun H, et al. (2022) Blocking DCIR mitigates colitis and prevents colorectal tumors by enhancing the GM-CSF-STAT5 pathway. Cell reports, 40(5), 111158.

Miranda K, et al. (2022) Yin and yang of cannabinoid CB1 receptor: CB1 deletion in immune cells causes exacerbation while deletion in non-immune cells attenuates obesity. iScience, 25(9), 104994.

Chryplewicz A, et al. (2022) Cancer cell autophagy, reprogrammed macrophages, and remodeled vasculature in glioblastoma triggers tumor immunity. Cancer cell, 40(10), 1111.

Marangoni F, et al. (2021) Expansion of tumor-associated Treg cells upon disruption of a CTLA-4-dependent feedback loop. Cell, 184(15), 3998.

Kim JS, et al. (2021) A Binary Cre Transgenic Approach Dissects Microglia and CNS Border-Associated Macrophages. Immunity, 54(1), 176.

Zhao B, et al. (2021) A safe and effective mucosal RSV vaccine in mice consisting of RSV phosphoprotein and flagellin variant. Cell reports, 36(3), 109401.