Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 12, 2025

APC/Cyanine7 anti-mouse CD45

RRID:AB_312981
Type: Antibody

Proper Citation

(BioLegend Cat# 103116, RRID:AB_312981)

Antibody Information

URL: http://antibodyregistry.org/AB_312981

Proper Citation: (BioLegend Cat# 103116, RRID:AB_312981)

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_312981

Vendor: BioLegend

Catalog Number: 103116

Alternative Catalog Numbers: 103115

Record Creation Time: 20231110T045026+0000

Record Last Update: 20241115T125408+0000

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 159 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Liu YL, et al. (2024) Fibrous periosteum repairs bone fracture and maintains the healed bone throughout mouse adulthood. Developmental cell, 59(9), 1192.

Hu C, et al. (2024) Tumor-secreted FGF21 acts as an immune suppressor by rewiring cholesterol metabolism of CD8+T cells. Cell metabolism, 36(3), 630.

Sekiya T, et al. (2024) Tonic TCR and IL-1? signaling mediate phenotypic alterations of naive CD4+ T cells. Cell reports, 43(3), 113954.

Ma R, et al. (2024) Vimentin modulates regulatory T cell receptor-ligand interactions at distal pole complex, leading to dysregulated host response to viral pneumonia. Cell reports, 43(12), 115056.

Xu X, et al. (2024) Tumor-intrinsic P2RY6 drives immunosuppression by enhancing PGE2 production. Cell reports, 43(7), 114469.

Woo MS, et al. (2024) STING orchestrates the neuronal inflammatory stress response in multiple sclerosis. Cell, 187(15), 4043.

Luckett T, et al. (2024) Mesothelin Secretion by Pancreatic Cancer Cells Co-opts Macrophages and Promotes Metastasis. Cancer research, 84(4), 527.

Yadav MK, et al. (2024) MAFB in macrophages regulates cold-induced neuronal density in brown adipose tissue. Cell reports, 43(4), 113978.

Sugimoto C, et al. (2024) Mice Generated with Induced Pluripotent Stem Cells Derived from Mucosal-Associated Invariant T Cells. Biomedicines, 12(1).

Barclay KM, et al. (2024) An inducible genetic tool to track and manipulate specific microglial states reveals their plasticity and roles in remyelination. Immunity, 57(6), 1394.

Kazer SW, et al. (2024) Primary nasal influenza infection rewires tissue-scale memory response dynamics. Immunity, 57(8), 1955.

Basavaraja R, et al. (2024) PARP11 inhibition inactivates tumor-infiltrating regulatory T cells and improves the efficacy of immunotherapies. Cell reports. Medicine, 5(7), 101649.

Lin M, et al. (2024) Inflammatory dendritic cells restrain CD11b+CD4+ CTLs via CD200R in human NSCLC. Cell reports, 43(2), 113767.

Houbaert D, et al. (2024) An autophagy program that promotes T cell egress from the lymph node controls responses to immune checkpoint blockade. Cell reports, 43(4), 114020.

Cardinez C, et al. (2024) IKK2 controls the inflammatory potential of tissue-resident regulatory T cells in a murine gain of function model. Nature communications, 15(1), 2345.

Kent GM, et al. (2024) Human liver sinusoidal endothelial cells support the development of functional human pluripotent stem cell-derived Kupffer cells. Cell reports, 43(8), 114629.

Ysasi AB, et al. (2024) A specialized population of monocyte-derived tracheal macrophages promote airway epithelial regeneration through a CCR2-dependent mechanism. iScience, 27(7), 110169.

Shen H, et al. (2024) Dietary fiber alleviates alcoholic liver injury via Bacteroides acidifaciens and subsequent ammonia detoxification. Cell host & microbe, 32(8), 1331.

Zhong X, et al. (2024) Distinct ROR?t-dependent Th17 immune responses are required for autoimmune pathogenesis and protection against bacterial infection. Cell reports, 43(11), 114951.

Zhu R, et al. (2024) ACSS2 acts as a lactyl-CoA synthetase and couples KAT2A to function as a lactyltransferase for histone lactylation and tumor immune evasion. Cell metabolism.