Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 22, 2025

APC/Cyanine7 anti-mouse/human CD45R/B220

RRID:AB_313006
Type: Antibody

Proper Citation

(BioLegend Cat# 103223, RRID:AB_313006)

Antibody Information

URL: http://antibodyregistry.org/AB_313006

Proper Citation: (BioLegend Cat# 103223, RRID:AB_313006)

Target Antigen: CD45R

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC/Cyanine7 anti-mouse/human CD45R/B220

Description: This monoclonal targets CD45R

Target Organism: mouse, human

Clone ID: Clone RA3-6B2

Antibody ID: AB_313006

Vendor: BioLegend

Catalog Number: 103223

Alternative Catalog Numbers: 103224

Record Creation Time: 20231110T045026+0000

Record Last Update: 20241115T131754+0000

Ratings and Alerts

No rating or validation information has been found for APC/Cyanine7 anti-mouse/human CD45R/B220.

No alerts have been found for APC/Cyanine7 anti-mouse/human CD45R/B220.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Wang Y, et al. (2024) High recallability of memory B cells requires ZFP318-dependent transcriptional regulation of mitochondrial function. Immunity, 57(8), 1848.

Bennett ZT, et al. (2024) Stepwise Ultra-pH-Sensitive Micelles Overcome a pKa Barrier for Systemic Lymph Node Delivery. ACS nano, 18(26), 16632.

Kögl T, et al. (2024) Patients and mice with deficiency in the SNARE protein SYNTAXIN-11 have a secondary B cell defect. The Journal of experimental medicine, 221(7).

Even Z, et al. (2024) The amalgam of naive CD4+ T cell transcriptional states is reconfigured by helminth infection to dampen the amplitude of the immune response. Immunity, 57(8), 1893.

Carlile SR, et al. (2024) Staphylococcus aureus induced trained immunity in macrophages confers heterologous protection against gram-negative bacterial infection. iScience, 27(12), 111284.

Peng P, et al. (2024) Pro-survival signaling regulates lipophagy essential for multiple myeloma resistance to stress-induced death. Cell reports, 43(7), 114445.

Poscablo DM, et al. (2024) An age-progressive platelet differentiation path from hematopoietic stem cells causes exacerbated thrombosis. Cell, 187(12), 3090.

Sun X, et al. (2024) Deletion of the mRNA endonuclease Regnase-1 promotes NK cell anti-tumor activity via OCT2-dependent transcription of Ifng. Immunity, 57(6), 1360.

Xu H, et al. (2023) A lncRNA identifies Irf8 enhancer element in negative feedback control of dendritic cell differentiation. eLife, 12.

Hanson CH, et al. (2023) CD62L expression marks a functionally distinct subset of memory

B cells. Cell reports, 42(12), 113542.

Li Y, et al. (2023) A micro-electroporation/electrophoresis-based vaccine screening system reveals the impact of vaccination orders on cross-protective immunity. iScience, 26(10), 108086.

Safi F, et al. (2022) Concurrent stem- and lineage-affiliated chromatin programs precede hematopoietic lineage restriction. Cell reports, 39(6), 110798.

Lightman SM, et al. (2021) Indoleamine 2,3-dioxygenase 1 is essential for sustaining durable antibody responses. Immunity, 54(12), 2772.

Gonzalez-Figueroa P, et al. (2021) Follicular regulatory T cells produce neuritin to regulate B cells. Cell, 184(7), 1775.

Kovacs SB, et al. (2020) Neutrophil Caspase-11 Is Essential to Defend against a Cytosol-Invasive Bacterium. Cell reports, 32(4), 107967.

Fuster JJ, et al. (2020) TET2-Loss-of-Function-Driven Clonal Hematopoiesis Exacerbates Experimental Insulin Resistance in Aging and Obesity. Cell reports, 33(4), 108326.

Xiao S, et al. (2020) Checkpoint Receptor TIGIT Expressed on Tim-1+ B Cells Regulates Tissue Inflammation. Cell reports, 32(2), 107892.

Yao M, et al. (2020) Astrocytic trans-Differentiation Completes a Multicellular Paracrine Feedback Loop Required for Medulloblastoma Tumor Growth. Cell, 180(3), 502.

Roy K, et al. (2019) A Regulatory Circuit Controlling the Dynamics of NF?B cRel Transitions B Cells from Proliferation to Plasma Cell Differentiation. Immunity, 50(3), 616.

Cantor DJ, et al. (2019) Impaired Expression of Rearranged Immunoglobulin Genes and Premature p53 Activation Block B Cell Development in BMI1 Null Mice. Cell reports, 26(1), 108.