

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 24, 2025

CD64

RRID:AB_2740644

Type: Antibody

Proper Citation

(BD Biosciences Cat# 741024, RRID:AB_2740644)

Antibody Information

URL: http://antibodyregistry.org/AB_2740644

Proper Citation: (BD Biosciences Cat# 741024, RRID:AB_2740644)

Target Antigen: CD64

Host Organism: mouse

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD64

Description: This monoclonal targets CD64

Target Organism: mouse

Clone ID: X54-5/7.1

Antibody ID: AB_2740644

Vendor: BD Biosciences

Catalog Number: 741024

Record Creation Time: 20231110T033510+0000

Record Last Update: 20240725T015709+0000

Ratings and Alerts

No rating or validation information has been found for CD64.

No alerts have been found for CD64.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Grigsby SJ, et al. (2024) CpsA mediates infection of recruited lung myeloid cells by Mycobacterium tuberculosis. Cell reports, 43(1), 113607.

Weckel A, et al. (2023) Long-term tolerance to skin commensals is established neonatally through a specialized dendritic cell subgroup. Immunity, 56(6), 1239.

Rosain J, et al. (2023) Human IRF1 governs macrophagic IFN- γ immunity to mycobacteria. Cell, 186(3), 621.

Montgomery AB, et al. (2023) Tissue-resident, extravascular Ly6c⁺ monocytes are critical for inflammation in the synovium. Cell reports, 42(5), 112513.

Avequin T, et al. (2023) Differential effects of sugar and fat on adipose tissue inflammation. iScience, 26(7), 107163.

Ramirez-Valdez RA, et al. (2023) Intravenous heterologous prime-boost vaccination activates innate and adaptive immunity to promote tumor regression. Cell reports, 42(6), 112599.

Kwart D, et al. (2022) Cancer cell-derived type I interferons instruct tumor monocyte polarization. Cell reports, 41(10), 111769.

Enriquez AB, et al. (2022) Mycobacterium tuberculosis impedes CD40-dependent notch signaling to restrict Th17 polarization during infection. iScience, 25(5), 104305.

Baharom F, et al. (2022) Systemic vaccination induces CD8⁺ T cells and remodels the tumor microenvironment. Cell, 185(23), 4317.

Lam KC, et al. (2021) Microbiota triggers STING-type I IFN-dependent monocyte reprogramming of the tumor microenvironment. Cell, 184(21), 5338.

Lefebvre MN, et al. (2021) Expeditious recruitment of circulating memory CD8 T cells to the liver facilitates control of malaria. *Cell reports*, 37(5), 109956.

Shigeta A, et al. (2019) Endocardially Derived Macrophages Are Essential for Valvular Remodeling. *Developmental cell*, 48(5), 617.

Leech JM, et al. (2019) Toxin-Triggered Interleukin-1 Receptor Signaling Enables Early-Life Discrimination of Pathogenic versus Commensal Skin Bacteria. *Cell host & microbe*, 26(6), 795.

Deniset JF, et al. (2019) Gata6+ Pericardial Cavity Macrophages Relocate to the Injured Heart and Prevent Cardiac Fibrosis. *Immunity*, 51(1), 131.