

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 26, 2025

CD45

RRID:AB_394612

Type: Antibody

Proper Citation

(BD Biosciences Cat# 553082, RRID:AB_394612)

Antibody Information

URL: http://antibodyregistry.org/AB_394612

Proper Citation: (BD Biosciences Cat# 553082, RRID:AB_394612)

Target Antigen: CD45

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD45

Description: This monoclonal targets CD45

Target Organism: mouse

Defining Citation: [PMID:17111361](#)

Antibody ID: AB_394612

Vendor: BD Biosciences

Catalog Number: 553082

Record Creation Time: 20231110T081131+0000

Record Last Update: 20241115T095100+0000

Ratings and Alerts

No rating or validation information has been found for CD45.

No alerts have been found for CD45.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Colón DF, et al. (2024) Paediatric sepsis survivors are resistant to sepsis-induced long-term immune dysfunction. *British journal of pharmacology*, 181(8), 1308.

Hoffmann A, et al. (2021) Baseline iron status and presence of anaemia determine the course of systemic *Salmonella* infection following oral iron supplementation in mice. *EBioMedicine*, 71, 103568.

Utz SG, et al. (2020) Early Fate Defines Microglia and Non-parenchymal Brain Macrophage Development. *Cell*, 181(3), 557.

Arumugam K, et al. (2020) The Master Regulator Protein BAZ2B Can Reprogram Human Hematopoietic Lineage-Committed Progenitors into a Multipotent State. *Cell reports*, 33(10), 108474.

Walens A, et al. (2019) CCL5 promotes breast cancer recurrence through macrophage recruitment in residual tumors. *eLife*, 8.

Mrdjen D, et al. (2018) High-Dimensional Single-Cell Mapping of Central Nervous System Immune Cells Reveals Distinct Myeloid Subsets in Health, Aging, and Disease. *Immunity*, 48(2), 380.

Pineau I, et al. (2007) Proinflammatory cytokine synthesis in the injured mouse spinal cord: multiphasic expression pattern and identification of the cell types involved. *The Journal of comparative neurology*, 500(2), 267.