## **Resource Summary Report**

Generated by FDI Lab - SciCrunch.org on May 7, 2024

# **CD45**

RRID:AB\_394610 Type: Antibody

#### **Proper Citation**

(BD Biosciences Cat# 553080, RRID:AB\_394610)

#### **Antibody Information**

URL: http://antibodyregistry.org/AB\_394610

Proper Citation: (BD Biosciences Cat# 553080, RRID:AB\_394610)

Target Antigen: CD45

Host Organism: rat

**Clonality:** monoclonal

**Comments:** Flow cytometry

**Antibody Name: CD45** 

**Description:** This monoclonal targets CD45

Target Organism: mouse

**Antibody ID:** AB\_394610

Vendor: BD Biosciences

Catalog Number: 553080

## 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 28 mentions in open access literature.

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

Bejarano L, et al. (2024) Interrogation of endothelial and mural cells in brain metastasis reveals key immune-regulatory mechanisms. Cancer cell, 42(3), 378.

Mistretta M, et al. (2024) Flvcr1a deficiency promotes heme-based energy metabolism dysfunction in skeletal muscle. Cell reports, 43(3), 113854.

Zeng W, et al. (2023) Restoration of CPEB4 prevents muscle stem cell senescence during aging. Developmental cell, 58(15), 1383.

Arbaizar-Rovirosa M, et al. (2023) Transcriptomics and translatomics identify a robust inflammatory gene signature in brain endothelial cells after ischemic stroke. Journal of neuroinflammation, 20(1), 207.

Andreata F, et al. (2023) CD31 signaling promotes the detachment at the uropod of extravasating neutrophils allowing their migration to sites of inflammation. eLife, 12.

McCubbrey AL, et al. (2022) Polyamine import and accumulation causes immunomodulation in macrophages engulfing apoptotic cells. Cell reports, 38(2), 110222.

Wang J, et al. (2022) Selective YAP activation in Procr cells is essential for ovarian stem/progenitor expansion and epithelium repair. eLife, 11.

Busnelli M, et al. (2022) Lack of ApoA-I in ApoEKO Mice Causes Skin Xanthomas, Worsening of Inflammation, and Increased Coronary Atherosclerosis in the Absence of Hyperlipidemia. Arteriosclerosis, thrombosis, and vascular biology, 42(7), 839.

Lauver MD, et al. (2022) T cell deficiency precipitates antibody evasion and emergence of neurovirulent polyomavirus. eLife, 11.

Pennitz P, et al. (2022) Protocol to dissociate healthy and infected murine- and hamster-derived lung tissue for single-cell transcriptome analysis. STAR protocols, 4(1), 101957.

Zeidler JD, et al. (2022) Endogenous metabolism in endothelial and immune cells generates most of the tissue vitamin B3 (nicotinamide). iScience, 25(11), 105431.

Tilsed CM, et al. (2022) CD4+ T cells drive an inflammatory, TNF-?/IFN-rich tumor microenvironment responsive to chemotherapy. Cell reports, 41(13), 111874.

Zhang M, et al. (2022) CDK14 inhibition reduces mammary stem cell activity and suppresses triple negative breast cancer progression. Cell reports, 40(11), 111331.

Wang J, et al. (2021) Endothelial Wnts control mammary epithelial patterning via fibroblast signaling. Cell reports, 34(13), 108897.

Yue L, et al. (2020) Dek Modulates Global Intron Retention during Muscle Stem Cells Quiescence Exit. Developmental cell, 53(6), 661.

Kobayashi H, et al. (2020) Protocol for the Maintenance of Quiescent Murine Hematopoietic Stem Cells. STAR protocols, 1(2), 100078.

Chen MB, et al. (2020) Brain Endothelial Cells Are Exquisite Sensors of Age-Related Circulatory Cues. Cell reports, 30(13), 4418.

Wang D, et al. (2020) Long-Term Expansion of Pancreatic Islet Organoids from Resident Procr+ Progenitors. Cell, 180(6), 1198.

Geng A, et al. (2020) A novel function of R-spondin1 in regulating estrogen receptor expression independent of Wnt/?-catenin signaling. eLife, 9.

Cai C, et al. (2020) Amphiregulin mediates the hormonal regulation on Rspondin-1 expression in the mammary gland. Developmental biology, 458(1), 43.