

Resource Summary Report

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CD45

RRID:AB_10584326

Type: Antibody

Proper Citation

(BD Biosciences Cat# 561018, RRID:AB_10584326)

Antibody Information

URL: http://antibodyregistry.org/AB_10584326

Proper Citation: (BD Biosciences Cat# 561018, RRID:AB_10584326)

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_10584326

Vendor: BD Biosciences

Catalog Number: 561018

Record Creation Time: 20231110T071538+0000

Record Last Update: 20241115T045143+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 11 mentions in open access literature.

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

Shehata L, et al. (2024) Interleukin-4 downregulates transcription factor BCL6 to promote memory B cell selection in germinal centers. *Immunity*.

Youk J, et al. (2024) Quantitative and qualitative mutational impact of ionizing radiation on normal cells. *Cell genomics*, 4(2), 100499.

Jung BC, et al. (2023) TET3 plays a critical role in white adipose development and diet-induced remodeling. *Cell reports*, 42(10), 113196.

Wculek SK, et al. (2023) Oxidative phosphorylation selectively orchestrates tissue macrophage homeostasis. *Immunity*, 56(3), 516.

Willis KA, et al. (2020) Perinatal maternal antibiotic exposure augments lung injury in offspring in experimental bronchopulmonary dysplasia. *American journal of physiology. Lung cellular and molecular physiology*, 318(2), L407.

Mabe NW, et al. (2020) G9a Promotes Breast Cancer Recurrence through Repression of a Pro-inflammatory Program. *Cell reports*, 33(5), 108341.

Martínez-López M, et al. (2019) Microbiota Sensing by Mincle-Syk Axis in Dendritic Cells Regulates Interleukin-17 and -22 Production and Promotes Intestinal Barrier Integrity. *Immunity*, 50(2), 446.

Green CD, et al. (2018) A Comprehensive Roadmap of Murine Spermatogenesis Defined by Single-Cell RNA-Seq. *Developmental cell*, 46(5), 651.

Drummond CJ, et al. (2018) Hedgehog Pathway Drives Fusion-Negative Rhabdomyosarcoma Initiated From Non-myogenic Endothelial Progenitors. *Cancer cell*, 33(1), 108.

Uccellini MB, et al. (2018) ISRE-Reporter Mouse Reveals High Basal and Induced Type I IFN Responses in Inflammatory Monocytes. *Cell reports*, 25(10), 2784.

Gulyaeva O, et al. (2018) Sox9-Meis1 Inactivation Is Required for Adipogenesis, Advancing

Pref-1+ to PDGFR α + Cells. Cell reports, 25(4), 1002.