

Resource Summary Report

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CD45R/B220

RRID:AB_394615

Type: Antibody

Proper Citation

(BD Biosciences Cat# 553085, RRID:AB_394615)

Antibody Information

URL: http://antibodyregistry.org/AB_394615

Proper Citation: (BD Biosciences Cat# 553085, RRID:AB_394615)

Target Antigen: CD45R/B220

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: CD45R/B220

Description: This monoclonal targets CD45R/B220

Target Organism: mouse, human

Antibody ID: AB_394615

Vendor: BD Biosciences

Catalog Number: 553085

Record Creation Time: 20231110T081205+0000

Record Last Update: 20241115T083537+0000

Ratings and Alerts

No rating or validation information has been found for CD45R/B220.

No alerts have been found for CD45R/B220.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Murphy DP, et al. (2024) Chronic consequences of ischemic stroke: Profiling brain injury and inflammation in a mouse model with reperfusion. *Physiological reports*, 12(12), e16118.

Bonora M, et al. (2024) A mitochondrial NADPH-cholesterol axis regulates extracellular vesicle biogenesis to support hematopoietic stem cell fate. *Cell stem cell*, 31(3), 359.

Cui X, et al. (2023) Latexin regulates sex dimorphism in hematopoiesis via gender-specific differential expression of microRNA 98-3p and thrombospondin 1. *Cell reports*, 42(3), 112274.

Xu Z, et al. (2023) PTEN regulates hematopoietic lineage plasticity via PU.1-dependent chromatin accessibility. *Cell reports*, 42(8), 112967.

Becktel DA, et al. (2022) Repeated Administration of 2-Hydroxypropyl- β -Cyclodextrin (HP β CD) Attenuates the Chronic Inflammatory Response to Experimental Stroke. *The Journal of neuroscience : the official journal of the Society for Neuroscience*, 42(2), 325.

Fang D, et al. (2022) Differential regulation of transcription factor T-bet induction during NK cell development and T helper-1 cell differentiation. *Immunity*, 55(4), 639.

Young IC, et al. (2021) Differentiation of fetal hematopoietic stem cells requires ARID4B to restrict autocrine KITLG/KIT-*Src* signaling. *Cell reports*, 37(8), 110036.

Zbesko JC, et al. (2021) IgA natural antibodies are produced following T-cell independent B-cell activation following stroke. *Brain, behavior, and immunity*, 91, 578.

Kaya B, et al. (2020) Lysophosphatidic Acid-Mediated GPR35 Signaling in CX3CR1+ Macrophages Regulates Intestinal Homeostasis. *Cell reports*, 32(5), 107979.

Verheijen M, et al. (2020) Fate Mapping Quantifies the Dynamics of B Cell Development and Activation throughout Life. *Cell reports*, 33(7), 108376.

Horkova V, et al. (2020) Dynamics of the Coreceptor-LCK Interactions during T Cell

Development Shape the Self-Reactivity of Peripheral CD4 and CD8 T Cells. *Cell reports*, 30(5), 1504.

Bacelli I, et al. (2019) Mubritinib Targets the Electron Transport Chain Complex I and Reveals the Landscape of OXPHOS Dependency in Acute Myeloid Leukemia. *Cancer cell*, 36(1), 84.

Jungwirth N, et al. (2018) Mesenchymal Stem Cells Form 3D Clusters Following Intraventricular Transplantation. *Journal of molecular neuroscience : MN*, 65(1), 60.

Chung AG, et al. (2018) Liquefaction of the Brain following Stroke Shares a Similar Molecular and Morphological Profile with Atherosclerosis and Mediates Secondary Neurodegeneration in an Osteopontin-Dependent Mechanism. *eNeuro*, 5(5).

Moretti FA, et al. (2018) Differential requirement of kindlin-3 for T cell progenitor homing to the non-vascularized and vascularized thymus. *eLife*, 7.

Zbesko JC, et al. (2018) Glial scars are permeable to the neurotoxic environment of chronic stroke infarcts. *Neurobiology of disease*, 112, 63.