

Resource Summary Report

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CD45.1 Monoclonal Antibody (A20), eFluor™ 450, eBioscience

RRID:AB_1272189

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 48-0453-82, RRID:AB_1272189)

Antibody Information

URL: http://antibodyregistry.org/AB_1272189

Proper Citation: (Thermo Fisher Scientific Cat# 48-0453-82, RRID:AB_1272189)

Target Antigen: CD45.1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow (0.5 µg/test)
Consolidation on 1/2020: AB_1272189, AB_11043098

Antibody Name: CD45.1 Monoclonal Antibody (A20), eFluor™ 450, eBioscience

Description: This monoclonal targets CD45.1

Target Organism: mouse

Clone ID: Clone A20

Antibody ID: AB_1272189

Vendor: Thermo Fisher Scientific

Catalog Number: 48-0453-82

Record Creation Time: 20231110T062039+0000

Ratings and Alerts

No rating or validation information has been found for CD45.1 Monoclonal Antibody (A20), eFluor™ 450, eBioscience.

No alerts have been found for CD45.1 Monoclonal Antibody (A20), eFluor™ 450, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 33 mentions in open access literature.

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

Seedhom MO, et al. (2024) Paradoxical imbalance between activated lymphocyte protein synthesis capacity and rapid division rate. eLife, 12.

Becker HJ, et al. (2023) Controlling genetic heterogeneity in gene-edited hematopoietic stem cells by single-cell expansion. Cell stem cell, 30(7), 987.

Christian DA, et al. (2022) cDC1 coordinate innate and adaptive responses in the omentum required for T cell priming and memory. Science immunology, 7(75), eabq7432.

Jing Z, et al. (2022) Germinal center expansion but not plasmablast differentiation is proportional to peptide-MHCII density via CD40-CD40L signaling strength. Cell reports, 39(5), 110763.

Quast I, et al. (2022) Interleukin-21, acting beyond the immunological synapse, independently controls T follicular helper and germinal center B cells. Immunity, 55(8), 1414.

Glassman CR, et al. (2021) Calibration of cell-intrinsic interleukin-2 response thresholds guides design of a regulatory T cell biased agonist. eLife, 10.

Roberto MP, et al. (2021) Mutations in the transcription factor FOXO1 mimic positive selection signals to promote germinal center B cell expansion and lymphomagenesis. Immunity, 54(8), 1807.

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.

Sano T, et al. (2021) Redundant cytokine requirement for intestinal microbiota-induced Th17 cell differentiation in draining lymph nodes. *Cell reports*, 36(8), 109608.

Tomala J, et al. (2021) IL-2/JES6-1 mAb complexes dramatically increase sensitivity to LPS through IFN- γ production by CD25+Foxp3- T cells. *eLife*, 10.

Lv K, et al. (2021) HectD1 controls hematopoietic stem cell regeneration by coordinating ribosome assembly and protein synthesis. *Cell stem cell*, 28(7), 1275.

Huang J, et al. (2021) Interleukin-17D regulates group 3 innate lymphoid cell function through its receptor CD93. *Immunity*, 54(4), 673.

Milner JJ, et al. (2020) Heterogenous Populations of Tissue-Resident CD8+ T Cells Are Generated in Response to Infection and Malignancy. *Immunity*, 52(5), 808.

Tran S, et al. (2020) Impaired Kupffer Cell Self-Renewal Alters the Liver Response to Lipid Overload during Non-alcoholic Steatohepatitis. *Immunity*, 53(3), 627.

Flosbach M, et al. (2020) PTPN2 Deficiency Enhances Programmed T Cell Expansion and Survival Capacity of Activated T Cells. *Cell reports*, 32(4), 107957.

Wang K, et al. (2020) Clonal origin in normal adults of all blood lineages and circulating hematopoietic stem cells. *Experimental hematology*, 83, 25.

Nadafi R, et al. (2020) Lymph Node Stromal Cells Generate Antigen-Specific Regulatory T Cells and Control Autoreactive T and B Cell Responses. *Cell reports*, 30(12), 4110.

Khouili SC, et al. (2020) SHP-1 Regulates Antigen Cross-Presentation and Is Exploited by Leishmania to Evade Immunity. *Cell reports*, 33(9), 108468.

Zhang H, et al. (2019) CD109 Restrains Activation of Cutaneous IL-17-Producing $\gamma\delta$ T Cells by Commensal Microbiota. *Cell reports*, 29(2), 391.

Chopin M, et al. (2019) Transcription Factor PU.1 Promotes Conventional Dendritic Cell Identity and Function via Induction of Transcriptional Regulator DC-SCRIPT. *Immunity*, 50(1), 77.