

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on May 3, 2025

## CD45.1 Monoclonal Antibody (A20), PerCP-Cyanine5.5, eBioscience

RRID:AB\_1107003

Type: Antibody

---

### Proper Citation

(Thermo Fisher Scientific Cat# 45-0453-82, RRID:AB\_1107003)

---

### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_1107003](http://antibodyregistry.org/AB_1107003)

**Proper Citation:** (Thermo Fisher Scientific Cat# 45-0453-82, RRID:AB\_1107003)

**Target Antigen:** CD45.1

**Host Organism:** mouse

**Clonality:** monoclonal

**Comments:** Applications: Flow (0.25 µg/test)  
Consolidation on 1/2020: AB\_1107003, AB\_10307896

**Antibody Name:** CD45.1 Monoclonal Antibody (A20), PerCP-Cyanine5.5, eBioscience

**Description:** This monoclonal targets CD45.1

**Target Organism:** mouse

**Clone ID:** Clone A20

**Antibody ID:** AB\_1107003

**Vendor:** Thermo Fisher Scientific

**Catalog Number:** 45-0453-82

**Record Creation Time:** 20231110T074619+0000

**Record Last Update:** 20241115T061828+0000

---

## Ratings and Alerts

No rating or validation information has been found for CD45.1 Monoclonal Antibody (A20), PerCP-Cyanine5.5, eBioscience.

No alerts have been found for CD45.1 Monoclonal Antibody (A20), PerCP-Cyanine5.5, eBioscience.

---

## Data and Source Information

**Source:** [Antibody Registry](#)

---

## Usage and Citation Metrics

We found 31 mentions in open access literature.

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

Xu T, et al. (2024) Notch2 signaling governs activated B cells to form memory B cells. *Cell reports*, 43(7), 114454.

Hernández-Barranco A, et al. (2024) NGFR regulates stromal cell activation in germinal centers. *Cell reports*, 43(2), 113705.

Das A, et al. (2024) Transcription factor Tox2 is required for metabolic adaptation and tissue residency of ILC3 in the gut. *Immunity*, 57(5), 1019.

Ziblat A, et al. (2024) Batf3+ DCs and the 4-1BB/4-1BBL axis are required at the effector phase in the tumor microenvironment for PD-1/PD-L1 blockade efficacy. *Cell reports*, 43(5), 114141.

Venturutti L, et al. (2023) An Aged/Autoimmune B-cell Program Defines the Early Transformation of Extranodal Lymphomas. *Cancer discovery*, 13(1), 216.

Mandarano AH, et al. (2023) DRAK2 contributes to type 1 diabetes by negatively regulating IL-2 sensitivity to alter regulatory T cell development. *Cell reports*, 42(2), 112106.

Yan C, et al. (2023) Exhaustion-associated cholesterol deficiency dampens the cytotoxic arm of antitumor immunity. *Cancer cell*, 41(7), 1276.

Bailey C, et al. (2023) Genetic and pharmaceutical targeting of HIF1 $\alpha$  allows combination immunotherapy to boost graft vs. leukemia without exacerbation graft vs. host disease. *Cell reports. Medicine*, 4(11), 101236.

Westhaver LP, et al. (2022) Mitochondrial damage-associated molecular patterns trigger arginase-dependent lymphocyte immunoregulation. *Cell reports*, 39(8), 110847.

Gregoire C, et al. (2022) Viral infection engenders bona fide and bystander subsets of lung-resident memory B cells through a permissive mechanism. *Immunity*, 55(7), 1216.

Sun R, et al. (2022) Neutral ceramidase-dependent regulation of macrophage metabolism directs intestinal immune homeostasis and controls enteric infection. *Cell reports*, 38(13), 110560.

Hu Q, et al. (2022) Diverging regulation of Bach2 protein and RNA expression determine cell fate in early B cell response. *Cell reports*, 40(1), 111035.

Leung W, et al. (2022) SETD2 Haploinsufficiency Enhances Germinal Center-Associated AICDA Somatic Hypermutation to Drive B-cell Lymphomagenesis. *Cancer discovery*, 12(7), 1782.

Xiang H, et al. (2022) Vps33B controls Treg cell suppressive function through inhibiting lysosomal nutrient sensing complex-mediated mTORC1 activation. *Cell reports*, 39(11), 110943.

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.

Yoshimatsu Y, et al. (2022) Aryl hydrocarbon receptor signals in epithelial cells govern the recruitment and location of Helios+ Tregs in the gut. *Cell reports*, 39(6), 110773.

Krueger PD, et al. (2021) Two sequential activation modules control the differentiation of protective T helper-1 (Th1) cells. *Immunity*, 54(4), 687.

Xu W, et al. (2021) Early innate and adaptive immune perturbations determine long-term severity of chronic virus and Mycobacterium tuberculosis coinfection. *Immunity*, 54(3), 526.

Ortega-Molina A, et al. (2021) Inhibition of Rag GTPase signaling in mice suppresses B cell responses and lymphomagenesis with minimal detrimental trade-offs. *Cell reports*, 36(2), 109372.

Sun Z, et al. (2021) The kinase PDK1 is critical for promoting T follicular helper cell differentiation. *eLife*, 10.