

Resource Summary Report

Generated by [dkNET](#) on Aug 28, 2026

APC anti-mouse CD45.1

RRID:AB_313503

Type: Antibody

Proper Citation

BioLegend Cat# 110714, RRID:AB_313503

Antibody Information

URL: http://antibodyregistry.org/AB_313503

Proper Citation: BioLegend Cat# 110714, RRID:AB_313503

Target Antigen: CD45.1

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-mouse CD45.1

Description: This monoclonal targets CD45.1

Target Organism: mouse

Clone ID: Clone A20

Antibody ID: AB_313503

Vendor: BioLegend

Catalog Number: 110714

Alternative Catalog Numbers: 110713

Record Creation Time: 20250820T000306+0000

Record Last Update: 20250820T071353+0000

Ratings and Alerts

No rating or validation information has been found for APC anti-mouse CD45.1.

No alerts have been found for APC anti-mouse CD45.1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 78 mentions in open access literature.

Listed below are recent publications. The full list is available at [dkNET](#) .

Yagel G, et al. (2026) Tumor-antigen-independent targeting of solid tumors by armored macrophage-directed anti-TREM2 CAR T cells. *Cancer cell*, 44(3), 519.

Duguid A, et al. (2026) miR-93-mediated PTEN suppression and CNS-specific T cell exhaustion shape the leukemia niche in infant KMT2A::AFF1+ B-ALL. *Cell reports*, 45(5), 117353.

Xie S, et al. (2026) Loss of p53 exacerbates autoimmunity by reprogramming propionyl-CoA metabolism and histone modifications in Treg cells. *Cell reports*, 45(3), 117084.

Su M, et al. (2026) FASN inactivation-induced progranulin (GRN) expression promotes lysosome-dependent cell death to suppress leukemogenesis. *Cell reports*, 45(3), 117042.

Wang Y, et al. (2026) Metabolic reinvigoration of NK cells by IL-21 enhances immunotherapy against MHC class I-deficient solid tumors. *Cell reports*, 45(3), 117035.

Lobel L, et al. (2026) Dietary sulfur amino acids enhance anti-tumor immunity in colon cancer via an NKT cell-XCL1-cDC1 circuit. *Immunity*, 59(6), 1708.

Cohen JA, et al. (2025) KMT2D coordinates antiviral CD4+ T cell responses through opposing effects on T follicular helper and cytotoxic gene expression. *Cell reports*, 44(6), 115775.

Chen R, et al. (2025) Transplants foster B cell alloimmunity by relaying extracellular vesicles to follicular dendritic cells. *Cell reports*, 44(6), 115832.

Hsu AY, et al. (2025) Neutrophil-derived vesicles control complement activation to facilitate inflammation resolution. *Cell*, 188(6), 1623.

Guo C, et al. (2025) In situ extended immune activation instantly after tumor resection by oncolytic virus controls postoperative tumor recurrence. *Cell reports. Medicine*, 6(10), 102399.

Jiang Y, et al. (2025) Ligand-induced ubiquitination unleashes LAG3 immune checkpoint function by hindering membrane sequestration of signaling motifs. *Cell*, 188(9), 2354.

Tang Z, et al. (2025) A subset of neutrophils activates anti-tumor immunity and inhibits non-small-cell lung cancer progression. *Developmental cell*, 60(3), 379.

Wu J, et al. (2025) Vitamin B6 preserves the stemness-like phenotypes and antitumor ability of CD8⁺ T cells. *Developmental cell*.

Clark ML, et al. (2025) Mitochondrial complex IV remodeling in tumor-associated macrophages amplifies interferon signaling and promotes anti-tumor immunity. *Immunity*, 58(7), 1670.

Humblin E, et al. (2025) The costimulatory molecule ICOS limits memory-like properties and function of exhausted PD-1⁺CD8⁺ T cells. *Immunity*, 58(8), 1966.

Green WD, et al. (2025) Enhancer-driven gene regulatory networks reveal transcription factors governing T cell adaptation and differentiation in the tumor microenvironment. *Immunity*, 58(7), 1725.

Cabrera-Martinez B, et al. (2025) A hypomorphic *Il2rb* mutant mouse model recapitulates and reveals mechanisms of human T cell immune dysregulation in IL-2R α deficiency. *Cell reports*, 44(7), 115902.

Xu L, et al. (2025) Protocol for investigating the impact of transcription regulator deficiency on tumor-specific CD8⁺ T cell responses via adoptive cell transfer. *STAR protocols*, 6(2), 103703.

Li C, et al. (2025) Integrin CD103 expression in naive CD8⁺ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. *Immunity*.

Engelhard S, et al. (2024) Endomucin marks quiescent long-term multi-lineage repopulating hematopoietic stem cells and is essential for their transendothelial migration. *Cell reports*, 43(7), 114475.