

Resource Summary Report

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APC/Cyanine7 anti-mouse CD45.1

RRID:AB_313505

Type: Antibody

Proper Citation

(BioLegend Cat# 110716 (also 110715), RRID:AB_313505)

Antibody Information

URL: http://antibodyregistry.org/AB_313505

Proper Citation: (BioLegend Cat# 110716 (also 110715), RRID:AB_313505)

Target Antigen: CD45.1

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC/Cyanine7 anti-mouse CD45.1

Description: This monoclonal targets CD45.1

Target Organism: mouse

Clone ID: Clone A20

Antibody ID: AB_313505

Vendor: BioLegend

Catalog Number: 110716 (also 110715)

Alternative Catalog Numbers: 110715

Ratings and Alerts

No rating or validation information has been found for APC/Cyanine7 anti-mouse CD45.1.

No alerts have been found for APC/Cyanine7 anti-mouse CD45.1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 32 mentions in open access literature.

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

Pritchard JE, et al. (2024) Non-canonical Hedgehog signaling mediates profibrotic hematopoiesis-stroma crosstalk in myeloproliferative neoplasms. *Cell reports*, 43(1), 113608.

West EE, et al. (2023) Loss of CD4+ T cell-intrinsic arginase 1 accelerates Th1 response kinetics and reduces lung pathology during influenza infection. *Immunity*, 56(9), 2036.

Fukaya T, et al. (2023) Gut dysbiosis promotes the breakdown of oral tolerance mediated through dysfunction of mucosal dendritic cells. *Cell reports*, 42(5), 112431.

Macalinao ML, et al. (2023) IL-27 produced during acute malaria infection regulates Plasmodium-specific memory CD4+ T cells. *EMBO molecular medicine*, 15(12), e17713.

Zhang X, et al. (2023) Harnessing matrix stiffness to engineer a bone marrow niche for hematopoietic stem cell rejuvenation. *Cell stem cell*, 30(4), 378.

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

Mise-Omata S, et al. (2023) SOCS3 deletion in effector T cells confers an anti-tumorigenic role of IL-6 to the pro-tumorigenic cytokine. *Cell reports*, 42(8), 112940.

Gao Y, et al. (2023) ALKBH5 modulates hematopoietic stem and progenitor cell energy metabolism through m6A modification-mediated RNA stability control. *Cell reports*, 42(10), 113163.

Dean JW, et al. (2023) The aryl hydrocarbon receptor cell intrinsically promotes resident memory CD8+ T cell differentiation and function. *Cell reports*, 42(1), 111963.

VanDyke D, et al. (2022) Engineered human cytokine/antibody fusion proteins expand regulatory T cells and confer autoimmune disease protection. *Cell reports*, 41(3), 111478.

Masle-Farquhar E, et al. (2022) Uncontrolled CD21^{low} age-associated and B1 B cell accumulation caused by failure of an EGR2/3 tolerance checkpoint. *Cell reports*, 38(3),

110259.

Morris V, et al. (2022) Hypoxic, glycolytic metabolism is a vulnerability of B-acute lymphoblastic leukemia-initiating cells. *Cell reports*, 39(4), 110752.

Eagle K, et al. (2022) An oncogenic enhancer encodes selective selenium dependency in AML. *Cell stem cell*, 29(3), 386.

Wang D, et al. (2022) Developmental maturation of the hematopoietic system controlled by a Lin28b-let-7-Cbx2 axis. *Cell reports*, 39(1), 110587.

Wang X, et al. (2022) Zinc finger protein Zfp335 controls early T-cell development and survival through γ -selection-dependent and -independent mechanisms. *eLife*, 11.

Masle-Farquhar E, et al. (2022) STAT3 gain-of-function mutations connect leukemia with autoimmune disease by pathological NKG2Dhi CD8⁺ T cell dysregulation and accumulation. *Immunity*, 55(12), 2386.

Chen Z, et al. (2021) In vivo CD8⁺ T cell CRISPR screening reveals control by Fli1 in infection and cancer. *Cell*, 184(5), 1262.

Leimkühler NB, et al. (2021) Heterogeneous bone-marrow stromal progenitors drive myelofibrosis via a druggable alarmin axis. *Cell stem cell*, 28(4), 637.

Chen R, et al. (2021) Kmt2c mutations enhance HSC self-renewal capacity and convey a selective advantage after chemotherapy. *Cell reports*, 34(7), 108751.

Chappaz S, et al. (2021) Homeostatic apoptosis prevents competition-induced atrophy in follicular B cells. *Cell reports*, 36(3), 109430.