

Resource Summary Report

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Biotin anti-mouse/human CD45R/B220

RRID:AB_312989

Type: Antibody

Proper Citation

(BioLegend Cat# 103204, RRID:AB_312989)

Antibody Information

URL: http://antibodyregistry.org/AB_312989

Proper Citation: (BioLegend Cat# 103204, RRID:AB_312989)

Target Antigen: CD45R

Host Organism: rat

Clonality: monoclonal

Comments: Applications: FC, IHC-F

Antibody Name: Biotin anti-mouse/human CD45R/B220

Description: This monoclonal targets CD45R

Target Organism: mouse, human

Clone ID: Clone RA3-6B2

Antibody ID: AB_312989

Vendor: BioLegend

Catalog Number: 103204

Alternative Catalog Numbers: 103203

Record Creation Time: 20231110T045026+0000

Record Last Update: 20241114T225222+0000

Ratings and Alerts

No rating or validation information has been found for Biotin anti-mouse/human CD45R/B220.

No alerts have been found for Biotin anti-mouse/human CD45R/B220.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 84 mentions in open access literature.

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

Cao J, et al. (2024) Deciphering the metabolic heterogeneity of hematopoietic stem cells with single-cell resolution. *Cell metabolism*, 36(1), 209.

Eggert J, et al. (2024) Cbl-b mitigates the responsiveness of naive CD8+ T cells that experience extensive tonic T cell receptor signaling. *Science signaling*, 17(822), eadh0439.

Fang Q, et al. (2024) Gingival-derived mesenchymal stem cells alleviate allergic asthma inflammation via HGF in animal models. *iScience*, 27(5), 109818.

Rosenlehner T, et al. (2024) Reciprocal regulation of mTORC1 signaling and ribosomal biosynthesis determines cell cycle progression in activated T cells. *Science signaling*, 17(859), eadi8753.

Zhou C, et al. (2024) Nynrin preserves hematopoietic stem cell function by inhibiting the mitochondrial permeability transition pore opening. *Cell stem cell*, 31(9), 1359.

Liao K, et al. (2024) Critical roles of the miR-17?92 family in thymocyte development, leukemogenesis, and autoimmunity. *Cell reports*, 43(6), 114261.

Nakajima-Takagi Y, et al. (2023) Polycomb repressive complex 1.1 coordinates homeostatic and emergency myelopoiesis. *eLife*, 12.

Gander-Bui HTT, et al. (2023) Targeted removal of macrophage-secreted interleukin-1 receptor antagonist protects against lethal *Candida albicans* sepsis. *Immunity*, 56(8), 1743.

Gonçalves R, et al. (2023) SARS-CoV-2 variants induce distinct disease and impact in the bone marrow and thymus of mice. *iScience*, 26(2), 105972.

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.

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.

Kamioka Y, et al. (2023) Distinct bidirectional regulation of LFA1 and $\alpha 4 \beta 7$ by Rap1 and integrin adaptors in T cells under shear flow. *Cell reports*, 42(6), 112580.

Chandra A, et al. (2023) Quantitative control of Ets1 dosage by a multi-enhancer hub promotes Th1 cell differentiation and protects from allergic inflammation. *Immunity*, 56(7), 1451.

Irie M, et al. (2023) Annexin A1 is a cell-intrinsic metalloregulator of zinc in human ILC2s. *Cell reports*, 42(6), 112610.

Quon S, et al. (2023) DNA architectural protein CTCF facilitates subset-specific chromatin interactions to limit the formation of memory CD8+ T cells. *Immunity*, 56(5), 959.

Zhou X, et al. (2023) MHC class II regulation of CD8+ T cell tolerance and implications in autoimmunity and cancer immunotherapy. *Cell reports*, 42(11), 113452.

Leca J, et al. (2023) IDH2 and TET2 mutations synergize to modulate T Follicular Helper cell functional interaction with the AITL microenvironment. *Cancer cell*, 41(2), 323.

Xu J, et al. (2023) Constitutively active autophagy in macrophages dampens inflammation through metabolic and post-transcriptional regulation of cytokine production. *Cell reports*, 42(7), 112708.

Ugur M, et al. (2023) Lymph node medulla regulates the spatiotemporal unfolding of resident dendritic cell networks. *Immunity*, 56(8), 1778.

Neault M, et al. (2023) CBFA2T3-GLIS2-dependent pediatric acute megakaryoblastic leukemia is driven by GLIS2 and sensitive to navitoclax. *Cell reports*, 42(9), 113084.