

Resource Summary Report

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FITC anti-mouse CD45.1

RRID:AB_313495

Type: Antibody

Proper Citation

(BioLegend Cat# 110706, RRID:AB_313495)

Antibody Information

URL: http://antibodyregistry.org/AB_313495

Proper Citation: (BioLegend Cat# 110706, RRID:AB_313495)

Target Antigen: CD45.1

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: FITC anti-mouse CD45.1

Description: This monoclonal targets CD45.1

Target Organism: mouse

Clone ID: Clone A20

Antibody ID: AB_313495

Vendor: BioLegend

Catalog Number: 110706

Alternative Catalog Numbers: 110705

Record Creation Time: 20231110T045002+0000

Record Last Update: 20241115T012618+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 60 mentions in open access literature.

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

Ashayeripanah M, et al. (2024) Systemic inflammatory response syndrome triggered by blood-borne pathogens induces prolonged dendritic cell paralysis and immunosuppression. Cell reports, 43(2), 113754.

Jin G, et al. (2024) A single infusion of engineered long-lived and multifunctional T cells confers durable remission of asthma in mice. Nature immunology, 25(6), 1059.

Ben-Shaan TL, et al. (2024) Dermal TRPV1 innervations engage a macrophage- and fibroblast-containing pathway to activate hair growth in mice. Developmental cell, 59(21), 2818.

Nakanishi Y, et al. (2024) Semaphorin 6D tunes amygdalar circuits for emotional, metabolic, and inflammatory outputs. Neuron, 112(17), 2955.

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.

Ashayeripanah M, et al. (2024) Protocol to study ex vivo T cell priming by conventional dendritic cells from the mouse spleen. STAR protocols, 5(4), 103382.

Van Der Byl W, et al. (2024) The CD8+ T cell tolerance checkpoint triggers a distinct differentiation state defined by protein translation defects. Immunity, 57(6), 1324.

Zhang J, et al. (2024) Osr2 functions as a biomechanical checkpoint to aggravate CD8+ T cell exhaustion in tumor. Cell, 187(13), 3409.

Dawson A, et al. (2024) Leukaemia exposure alters the transcriptional profile and function of BCR::ABL1 negative macrophages in the bone marrow niche. Nature communications, 15(1), 1090.

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.

Ngiow SF, et al. (2024) LAG-3 sustains TOX expression and regulates the CD94/NKG2-Qa-1b axis to govern exhausted CD8 T cell NK receptor expression and cytotoxicity. *Cell*, 187(16), 4336.

Liu Q, et al. (2024) Circadian-clock-controlled endocrine and cytokine signals regulate multipotential innate lymphoid cell progenitors in the bone marrow. *Cell reports*, 43(5), 114200.

Liu X, et al. (2024) SWI/SNF chromatin remodeling factor BAF60b restrains inflammatory diseases by affecting regulatory T cell migration. *Cell reports*, 43(7), 114458.

Finlay CM, et al. (2023) T helper 2 cells control monocyte to tissue-resident macrophage differentiation during nematode infection of the pleural cavity. *Immunity*, 56(5), 1064.

Pichler AC, et al. (2023) TCR-independent CD137 (4-1BB) signaling promotes CD8+ exhausted T cell proliferation and terminal differentiation. *Immunity*, 56(7), 1631.

Lin YH, et al. (2023) Small intestine and colon tissue-resident memory CD8+ T cells exhibit molecular heterogeneity and differential dependence on Eomes. *Immunity*, 56(1), 207.

Sandner L, et al. (2023) The guanine nucleotide exchange factor Rin-like controls Tfh cell differentiation via CD28 signaling. *The Journal of experimental medicine*, 220(11).

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.

Hope JL, et al. (2023) PSGL-1 attenuates early TCR signaling to suppress CD8+ T cell progenitor differentiation and elicit terminal CD8+ T cell exhaustion. *Cell reports*, 42(5), 112436.

Straub A, et al. (2023) Recruitment of epitope-specific T cell clones with a low-avidity threshold supports efficacy against mutational escape upon re-infection. *Immunity*, 56(6), 1269.