

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](http://FDI Lab - SciCrunch.org) on Apr 1, 2025

## PerCP/Cyanine5.5 anti-mouse CD45

RRID:AB\_893344

Type: Antibody

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### Proper Citation

(BioLegend Cat# 103131, RRID:AB\_893344)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_893344](http://antibodyregistry.org/AB_893344)

**Proper Citation:** (BioLegend Cat# 103131, RRID:AB\_893344)

**Target Antigen:** CD45

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** PerCP/Cyanine5.5 anti-mouse CD45

**Description:** This monoclonal targets CD45

**Target Organism:** mouse

**Clone ID:** Clone 30-F11

**Antibody ID:** AB\_893344

**Vendor:** BioLegend

**Catalog Number:** 103131

**Alternative Catalog Numbers:** 103132

**Record Creation Time:** 20231110T042741+0000

**Record Last Update:** 20241115T103143+0000

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## Ratings and Alerts

No rating or validation information has been found for PerCP/Cyanine5.5 anti-mouse CD45.

No alerts have been found for PerCP/Cyanine5.5 anti-mouse CD45.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 25 mentions in open access literature.

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

Xia M, et al. (2024) Elevated IL-22 as a result of stress-induced gut leakage suppresses septal neuron activation to ameliorate anxiety-like behavior. *Immunity*.

Mattar P, et al. (2024) Insulin and leptin oscillations license food-entrained browning and metabolic flexibility. *Cell reports*, 43(7), 114390.

Fontana P, et al. (2024) Small-molecule GSDMD agonism in tumors stimulates antitumor immunity without toxicity. *Cell*, 187(22), 6165.

Zhu M, et al. (2024) Class I HDAC inhibitors enhance antitumor efficacy and persistence of CAR-T cells by activation of the Wnt pathway. *Cell reports*, 43(4), 114065.

Chen L, et al. (2023) Synergy of 5-aminolevulinate supplement and CX3CR1 suppression promotes liver regeneration via elevated IGF-1 signaling. *Cell reports*, 42(8), 112984.

Gao X, et al. (2023) Targeting protein tyrosine phosphatases for CDK6-induced immunotherapy resistance. *Cell reports*, 42(4), 112314.

Sylvestre M, et al. (2023) KDM6B drives epigenetic reprogramming associated with lymphoid stromal cell early commitment and immune properties. *Science advances*, 9(48), eadh2708.

Becker M, et al. (2023) Regulatory T cells require IL6 receptor alpha signaling to control skeletal muscle function and regeneration. *Cell metabolism*, 35(10), 1736.

Li X, et al. (2022) RAGE deficiency ameliorates autoimmune hepatitis involving inhibition of IL-6 production via suppressing protein Arid5a in mice. *Clinical and experimental medicine*.

Tang Q, et al. (2022) Thymidine starvation promotes c-di-AMP-dependent inflammation during pathogenic bacterial infection. *Cell host & microbe*, 30(7), 961.

Pleuger C, et al. (2022) The regional distribution of resident immune cells shapes distinct

immunological environments along the murine epididymis. *eLife*, 11.

Nahmgoong H, et al. (2022) Distinct properties of adipose stem cell subpopulations determine fat depot-specific characteristics. *Cell metabolism*, 34(3), 458.

Zhang F, et al. (2022) The immunometabolite S-2-hydroxyglutarate exacerbates perioperative ischemic brain injury and cognitive dysfunction by enhancing CD8+ T lymphocyte-mediated neurotoxicity. *Journal of neuroinflammation*, 19(1), 176.

Lightman SM, et al. (2021) Indoleamine 2,3-dioxygenase 1 is essential for sustaining durable antibody responses. *Immunity*, 54(12), 2772.

Tuong ZK, et al. (2021) A model of impaired Langerhans cell maturation associated with HPV induced epithelial hyperplasia. *iScience*, 24(11), 103326.

Lang V, et al. (2021) Susceptibility rhythm to bacterial endotoxin in myeloid clock-knockout mice. *eLife*, 10.

Zhang H, et al. (2021) Bach2 attenuates IL-2R signaling to control Treg homeostasis and Tfr development. *Cell reports*, 35(6), 109096.

Jeong D, et al. (2021) Soluble Fas ligand drives autoantibody-induced arthritis by binding to DR5/TRAIL-R2. *eLife*, 10.

Formaglio P, et al. (2021) Nitric oxide controls proliferation of *Leishmania major* by inhibiting the recruitment of permissive host cells. *Immunity*, 54(12), 2724.

Pandey S, et al. (2020) Pairwise Stimulations of Pathogen-Sensing Pathways Predict Immune Responses to Multi-adjuvant Combinations. *Cell systems*, 11(5), 495.