

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on Mar 30, 2025

## FITC anti-mouse CD45

RRID:AB\_312972

Type: Antibody

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### Proper Citation

(BioLegend Cat# 103107, RRID:AB\_312972)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_312972](http://antibodyregistry.org/AB_312972)

**Proper Citation:** (BioLegend Cat# 103107, RRID:AB\_312972)

**Target Antigen:** CD45

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** FITC anti-mouse CD45

**Description:** This monoclonal targets CD45

**Target Organism:** mouse

**Clone ID:** Clone 30-F11

**Antibody ID:** AB\_312972

**Vendor:** BioLegend

**Catalog Number:** 103107

**Alternative Catalog Numbers:** 103108

**Record Creation Time:** 20231110T045026+0000

**Record Last Update:** 20241115T133604+0000

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## Ratings and Alerts

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

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

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 51 mentions in open access literature.

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

Wienke J, et al. (2024) Integrative analysis of neuroblastoma by single-cell RNA sequencing identifies the NECTIN2-TIGIT axis as a target for immunotherapy. *Cancer cell*, 42(2), 283.

Li Z, et al. (2024) Nanodrug-bacteria conjugates-mediated oncogenic collagen depletion enhances immune checkpoint blockade therapy against pancreatic cancer. *Med (New York, N.Y.)*, 5(4), 348.

Chen R, et al. (2024) Destabilization of fear memory by Rac1-driven engram-microglia communication in hippocampus. *Brain, behavior, and immunity*, 119, 621.

Basavaraja R, et al. (2024) PARP11 inhibition inactivates tumor-infiltrating regulatory T cells and improves the efficacy of immunotherapies. *Cell reports. Medicine*, 5(7), 101649.

Liao C, et al. (2024) Inhibition of JNK ameliorates rod photoreceptor degeneration in a mouse model of retinitis pigmentosa. *FEBS letters*.

Koller BH, et al. (2024) Species-specific NLRP3 regulation and its role in CNS autoinflammatory diseases. *Cell reports*, 43(3), 113852.

Bueno MLP, et al. (2024)  $\beta$ -Carboline derivatives are potent against Acute Myeloid Leukemia in vitro and in vivo. *Pharmacological reports : PR*, 76(4), 838.

Pan Y, et al. (2024) Glycoengineering-based anti-PD-1-iRGD peptide conjugate boosts antitumor efficacy through T cell engagement. *Cell reports. Medicine*, 5(6), 101590.

Perruzza L, et al. (2024) Protection from environmental enteric dysfunction and growth improvement in malnourished newborns by amplification of secretory IgA. *Cell reports. Medicine*, 5(7), 101639.

Zou M, et al. (2024) Early-life vitamin A treatment rescues neonatal infection-induced durably impaired tolerogenic properties of celiac lymph nodes. *Cell reports*, 43(5), 114153.

Sousa NS, et al. (2024) The immune landscape of murine skeletal muscle regeneration and aging. *Cell reports*, 43(11), 114975.

Ma K, et al. (2023) CEA cell adhesion molecule 5 enriches functional human hematopoietic stem cells capable of long-term multi-lineage engraftment. *iScience*, 26(12), 108561.

Cao Y, et al. (2023) Virus-induced lncRNA-BTX allows viral replication by regulating intracellular translocation of DHX9 and ILF3 to induce innate escape. *Cell reports*, 42(10), 113262.

Huang Y, et al. (2023) Ascomylactam C Induces an Immunogenic Cell Death Signature via Mitochondria-Associated ER Stress in Lung Cancer and Melanoma. *Marine drugs*, 21(12).

Shen Y, et al. (2023) Targeting cytokine-like protein FAM3D lowers blood pressure in hypertension. *Cell reports. Medicine*, 4(6), 101072.

Williams MR, et al. (2023) *Staphylococcus epidermidis* activates keratinocyte cytokine expression and promotes skin inflammation through the production of phenol-soluble modulins. *Cell reports*, 42(9), 113024.

Cheng P, et al. (2023) Capsaicin shapes gut microbiota and pre-metastatic niche to facilitate cancer metastasis to liver. *Pharmacological research*, 188, 106643.

Li Y, et al. (2023) A micro-electroporation/electrophoresis-based vaccine screening system reveals the impact of vaccination orders on cross-protective immunity. *iScience*, 26(10), 108086.

Tian T, et al. (2023) FBXO38 mediates FGL1 ubiquitination and degradation to enhance cancer immunity and suppress inflammation. *Cell reports*, 42(11), 113362.

Liu Y, et al. (2023) A SOX9-B7x axis safeguards dedifferentiated tumor cells from immune surveillance to drive breast cancer progression. *Developmental cell*, 58(23), 2700.