

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

FITC anti-mouse CD45

RRID:AB_312972

Type: Antibody

Proper Citation

BioLegend Cat# 103107, RRID:AB_312972

Antibody Information

URL: 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: 20250820T045639+0000

Record Last Update: 20250820T202147+0000

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.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 68 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Zhan W, et al. (2026) Cathepsin-D-mediated MHC class I degradation contributes to immune evasion in colorectal cancer. *Cell reports. Medicine*, 102534.

Maeda Y, et al. (2026) Mucosal innate immune activation as the trigger to *Prevotella* species-induced arthritis in genetically resistant mice. *Cell reports*, 45(1), 116755.

Wu MM, et al. (2026) Macrophage PD-1 regulates energy expenditure and metabolic dysfunction under immune checkpoint blockade. *Cell metabolism*, 38(1), 208.

Brown JA, et al. (2026) Gut microbiota promotes immune tolerance at the maternal-fetal interface. *Cell*, 189(1), 196.

Haraguchi M, et al. (2025) Transmission of maternal oral pathobionts to the infant gut predisposes offspring to exacerbated enteritis. *Cell reports*, 44(7), 115974.

Akatsuka H, et al. (2025) Molecular and genetic evidence for the role of AMBRA1 in suppressing S-phase entry and tumorigenesis. *iScience*, 28(8), 113054.

Ueda C, et al. (2025) Endothelial activating transcription factor 3 promotes angiogenesis and vascular repair in the mouse retina. *iScience*, 28(1), 111516.

Zuo Y, et al. (2025) Monocyte-derived cells promote transient insult-induced brain injury by enhancing CD8+ T cell response. *Cell reports*, 44(11), 116528.

Huang SW, et al. (2025) Syngeneic natural killer cell therapy activates dendritic and T cells in metastatic lungs and effectively treats low-burden metastases. *eLife*, 13.

Zhang X, et al. (2025) MAIT cells protect against sterile lung injury. *Cell reports*, 44(2), 115275.

Chen F, et al. (2025) Helminth infection favors reprogramming and proliferation of lung neutrophils. *bioRxiv : the preprint server for biology*.

Wu Z, et al. (2025) Peripheral nervous system microglia-like cells regulate neuronal soma size throughout evolution. *Cell*, 188(8), 2159.

Braun LM, et al. (2025) Adiponectin reduces immune checkpoint inhibitor-induced inflammation without blocking anti-tumor immunity. *Cancer cell*, 43(2), 269.

Lamorte S, et al. (2025) Lymph node macrophages drive immune tolerance and resistance to cancer therapy by induction of the immune-regulatory cytokine IL-33. *Cancer cell*, 43(5), 955.

Álvarez-Prado ÁF, et al. (2025) Cancer cell and microenvironmental rewiring by ADAR1 loss impairs glioblastoma tumor growth and extends survival. *Cell reports*, 44(9), 116151.

Keskek Turk Y, et al. (2025) Sand fly saliva reprograms skin fibroblasts to enhance arbovirus infection. *iScience*, 28(11), 113854.

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.

Bueno MLP, et al. (2024) α -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.

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