

Resource Summary Report

Generated by [NIF](#) on Sep 4, 2026

PE/Cyanine7 anti-mouse CD64 (Fc?RI)

RRID:AB_2563904

Type: Antibody

Proper Citation

BioLegend Cat# 139314, RRID:AB_2563904

Antibody Information

URL: http://antibodyregistry.org/AB_2563904

Proper Citation: BioLegend Cat# 139314, RRID:AB_2563904

Target Antigen: CD64

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse CD64 (Fc?RI)

Description: This monoclonal targets CD64

Target Organism: mouse

Clone ID: Clone X54-5/7.1

Antibody ID: AB_2563904

Vendor: BioLegend

Catalog Number: 139314

Alternative Catalog Numbers: 139313

Record Creation Time: 20231110T035212+0000

Record Last Update: 20260901T055002+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD64 (Fc?RI).

No alerts have been found for PE/Cyanine7 anti-mouse CD64 (Fc?RI).

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 46 mentions in open access literature.

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

Babcock IW, et al. (2026) Enhancing the specificity of microglia genetic targeting using a CSF1R inhibitor. Cell reports, 45(6), 117411.

Mariancini A, et al. (2026) IL1R2 Deficiency Unleashes Neutrophil-Mediated Antitumor Potential in Sarcoma. Cancer immunology research, 14(5), 751.

Pham LK, et al. (2026) NRF2-mediated inhibition of alveolar macrophage MHC II expression during Mycobacterium tuberculosis infection. Cell reports, 45(6), 117397.

Morosan S, et al. (2026) Opposing Association of Lung Neutrophils and PD-L1+ Monocytes in Age-Related Severity of SARS-CoV-2 Infection. Aging cell, 25(6), e70588.

Lynch RW, et al. (2026) IL-4 treatment induces apoptosis of blood monocytes and proliferation of recruited injury-associated macrophages to resolve liver injury. Cell reports, 45(4), 117136.

Galvez-Cancino F, et al. (2025) Regulatory T cell depletion promotes myeloid cell activation and glioblastoma response to anti-PD1 and tumor-targeting antibodies. Immunity, 58(5), 1236.

DeDiego ML, et al. (2025) OAS1 and OAS3 genetic variants enhance inflammatory responses to SARS-CoV-2. iScience, 28(12), 113966.

Lu Y, et al. (2025) Functional Genetic Screens Reveal Key Pathways Instructing the Molecular Phenotypes of Tumor-Associated Macrophages. Cancer immunology research, 13(12), 2054.

Henriques-Oliveira L, et al. (2025) Anchored screening identifies transcription factor blueprints underlying dendritic cell diversity and subset-specific anti-tumor immunity. Immunity.

Lanzar ZR, et al. (2025) IL-27 promotes Treg cell expression of CD122 and fitness at homeostasis. Proceedings of the National Academy of Sciences of the United States of America, 122(50), e2519141122.

Lanzar ZR, et al. (2025) De-coupling immune parameters and toxicity associated with IL-12 agonism. *Cell reports*, 44(6), 115840.

Inclan-Rico JM, et al. (2025) TRPV1+ neurons promote cutaneous immunity against *Schistosoma mansoni*. *Journal of immunology* (Baltimore, Md. : 1950).

Liu D, et al. (2025) APOE protects against severe infection with *Mycobacterium tuberculosis* by restraining production of neutrophil extracellular traps. *PLoS pathogens*, 21(6), e1013267.

Xiao Z, et al. (2025) Engineered T cells stimulate dendritic cell recruitment and antigen spreading for potent anti-tumor immunity. *Cell reports. Medicine*, 6(9), 102307.

Clark ML, et al. (2025) Mitochondrial complex IV remodeling in tumor-associated macrophages amplifies interferon signaling and promotes anti-tumor immunity. *Immunity*, 58(7), 1670.

Papadopoulos S, et al. (2025) Myocarditis and neutrophil-mediated vascular leakage but not cytokine storm associated with fatal murine leptospirosis. *EBioMedicine*, 112, 105571.

Dai Z, et al. (2025) Single-cell analysis of temporal immune cell dynamics in alopecia areata reveals a causal role for clonally expanded CD8+ T cells in disease. *Cell reports*, 44(7), 115798.

Yeung ST, et al. (2025) Nerve- and airway-associated interstitial macrophages mitigate SARS-CoV-2 pathogenesis via type I interferon signaling. *Immunity*, 58(5), 1327.

You S, et al. (2024) Lymphatic-localized Treg-mregDC crosstalk limits antigen trafficking and restrains anti-tumor immunity. *Cancer cell*, 42(8), 1415.

Lim RJ, et al. (2024) CXCL9/10-engineered dendritic cells promote T cell activation and enhance immune checkpoint blockade for lung cancer. *Cell reports. Medicine*, 5(4), 101479.