

Resource Summary Report

Generated by [NIF](#) on Aug 27, 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: 20250820T044139+0000

Record Last Update: 20250820T194026+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](#) .

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

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

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.

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

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.

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.

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.

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.

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

Liu C, et al. (2024) Niche inflammatory signals control oscillating mammary regeneration and protect stem cells from cytotoxic stress. *Cell stem cell*, 31(1), 89.