

Resource Summary Report

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

PE/Cyanine7 anti-mouse CD48

RRID:AB_2075049

Type: Antibody

Proper Citation

BioLegend Cat# 103424, RRID:AB_2075049

Antibody Information

URL: http://antibodyregistry.org/AB_2075049

Proper Citation: BioLegend Cat# 103424, RRID:AB_2075049

Target Antigen: CD48

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE/Cyanine7 anti-mouse CD48

Description: This monoclonal targets CD48

Target Organism: mouse

Clone ID: Clone HM48-1

Antibody ID: AB_2075049

Vendor: BioLegend

Catalog Number: 103424

Alternative Catalog Numbers: 103423

Record Creation Time: 20250820T044939+0000

Record Last Update: 20250820T200236+0000

Ratings and Alerts

No rating or validation information has been found for PE/Cyanine7 anti-mouse CD48.

No alerts have been found for PE/Cyanine7 anti-mouse CD48.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 29 mentions in open access literature.

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

Naef P, et al. (2025) IL-33/ST2 signaling in ILC2s drives exhaustion and myeloid skewing of HSCs in response to hematopoietic stress and aging. *iScience*, 28(5), 112378.

Zhang G, et al. (2025) Myeloid-lineage-specific membrane protein LRRC25 suppresses immunity in solid tumor and is a potential cancer immunotherapy checkpoint target. *Cell reports*, 44(5), 115631.

Merchant S, et al. (2025) Different effects of fatty acid oxidation on hematopoietic stem cells based on age and diet. *Cell stem cell*, 32(2), 263.

Yu H, et al. (2025) Single-cell and spatial transcriptomics reveal the pathogenesis of chronic granulomatous disease in a natural model. *Cell reports*, 44(5), 115612.

Ishida T, et al. (2025) Differentiation latency and dormancy signatures define fetal liver hematopoietic stem cells at single-cell resolution. *Cell reports*, 44(10), 116289.

Kao YR, et al. (2024) An iron rheostat controls hematopoietic stem cell fate. *Cell stem cell*, 31(3), 378.

Wang HC, et al. (2024) Kmt2c restricts G-CSF-driven HSC mobilization and granulocyte production in a methyltransferase-independent manner. *Cell reports*, 43(8), 114542.

Engelhard S, et al. (2024) Endomucin marks quiescent long-term multi-lineage repopulating hematopoietic stem cells and is essential for their transendothelial migration. *Cell reports*, 43(7), 114475.

Zhou C, et al. (2024) Nynrin preserves hematopoietic stem cell function by inhibiting the mitochondrial permeability transition pore opening. *Cell stem cell*, 31(9), 1359.

Liu Z, et al. (2023) Selective deletion of zinc transporter 3 in amacrine cells promotes retinal ganglion cell survival and optic nerve regeneration after injury. *Neural regeneration research*, 18(12), 2773.

Rundberg Nilsson A, et al. (2023) Temporal dynamics of TNF-mediated changes in hematopoietic stem cell function and recovery. *iScience*, 26(4), 106341.

Chua BA, et al. (2023) Hematopoietic stem cells preferentially traffic misfolded proteins to aggresomes and depend on aggrephagy to maintain protein homeostasis. *Cell stem cell*, 30(4), 460.

Ishida T, et al. (2023) Differentiation latency and dormancy signatures define fetal liver HSCs at single cell resolution. *bioRxiv : the preprint server for biology*.

Schönberger K, et al. (2022) Multilayer omics analysis reveals a non-classical retinoic acid signaling axis that regulates hematopoietic stem cell identity. *Cell stem cell*, 29(1), 131.

Eagle K, et al. (2022) An oncogenic enhancer encodes selective selenium dependency in AML. *Cell stem cell*, 29(3), 386.

Peng H, et al. (2022) A mechanosensitive lipolytic factor in the bone marrow promotes osteogenesis and lymphopoiesis. *Cell metabolism*, 34(8), 1168.

Young K, et al. (2021) Decline in IGF1 in the bone marrow microenvironment initiates hematopoietic stem cell aging. *Cell stem cell*, 28(8), 1473.

Kruta M, et al. (2021) Hsf1 promotes hematopoietic stem cell fitness and proteostasis in response to ex vivo culture stress and aging. *Cell stem cell*, 28(11), 1950.

Chen R, et al. (2021) Kmt2c mutations enhance HSC self-renewal capacity and convey a selective advantage after chemotherapy. *Cell reports*, 34(7), 108751.

Mansell E, et al. (2021) Mitochondrial Potentiation Ameliorates Age-Related Heterogeneity in Hematopoietic Stem Cell Function. *Cell stem cell*, 28(2), 241.