

Resource Summary Report

Generated by [RRID](#) on Jul 28, 2026

PE anti-mouse CD48

RRID:AB_313021

Type: Antibody

Proper Citation

BioLegend Cat# 103406, RRID:AB_313021

Antibody Information

URL: http://antibodyregistry.org/AB_313021

Proper Citation: BioLegend Cat# 103406, RRID:AB_313021

Target Antigen: CD48

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-mouse CD48

Description: This monoclonal targets CD48

Target Organism: mouse

Clone ID: Clone HM48-1

Antibody ID: AB_313021

Vendor: BioLegend

Catalog Number: 103406

Alternative Catalog Numbers: 103405

Record Creation Time: 20250820T003240+0000

Record Last Update: 20250820T083251+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Yu S, et al. (2026) A CLOCK-targeting lncRNA induces trained immunity against tuberculosis. *Cell host & microbe*, 34(1), 68.

Li R, et al. (2024) Suppression of adaptive NK cell expansion by macrophage-mediated phagocytosis inhibited by 2B4-CD48. *Cell reports*, 43(3), 113800.

Watanuki S, et al. (2024) SDHAF1 confers metabolic resilience to aging hematopoietic stem cells by promoting mitochondrial ATP production. *Cell stem cell*, 31(8), 1145.

Dawson A, et al. (2024) Leukaemia exposure alters the transcriptional profile and function of BCR::ABL1 negative macrophages in the bone marrow niche. *Nature communications*, 15(1), 1090.

Shiroshita K, et al. (2023) Evaluating the function of murine quiescent hematopoietic stem cells following non-homologous end joining-based genome editing. *STAR protocols*, 4(2), 102347.

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.

Hayashi Y, et al. (2022) MDS cells impair osteolineage differentiation of MSCs via extracellular vesicles to suppress normal hematopoiesis. *Cell reports*, 39(6), 110805.

Shiroshita K, et al. (2022) A culture platform to study quiescent hematopoietic stem cells following genome editing. *Cell reports methods*, 2(12), 100354.

Omer-Javed A, et al. (2022) Mobilization-based chemotherapy-free engraftment of gene-edited human hematopoietic stem cells. *Cell*, 185(13), 2248.

Murakami K, et al. (2021) OGT Regulates Hematopoietic Stem Cell Maintenance via PINK1-Dependent Mitophagy. *Cell reports*, 34(1), 108579.

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.

Kobayashi H, et al. (2020) Protocol for the Maintenance of Quiescent Murine Hematopoietic Stem Cells. STAR protocols, 1(2), 100078.

Kobayashi H, et al. (2019) Environmental Optimization Enables Maintenance of Quiescent Hematopoietic Stem Cells Ex Vivo. Cell reports, 28(1), 145.

Paris J, et al. (2019) Targeting the RNA m6A Reader YTHDF2 Selectively Compromises Cancer Stem Cells in Acute Myeloid Leukemia. Cell stem cell, 25(1), 137.