

Resource Summary Report

Generated by [dkNET](#) on Aug 17, 2026

FITC anti-mouse CD48

RRID:AB_313019

Type: Antibody

Proper Citation

BioLegend Cat# 103404, RRID:AB_313019

Antibody Information

URL: http://antibodyregistry.org/AB_313019

Proper Citation: BioLegend Cat# 103404, RRID:AB_313019

Target Antigen: CD48

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: FITC anti-mouse CD48

Description: This monoclonal targets CD48

Target Organism: mouse

Clone ID: Clone HM48-1

Antibody ID: AB_313019

Vendor: BioLegend

Catalog Number: 103404

Alternative Catalog Numbers: 103403

Record Creation Time: 20250819T230440+0000

Record Last Update: 20250820T041252+0000

Ratings and Alerts

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

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

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 27 mentions in open access literature.

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

Yao J, et al. (2026) Activating an interleukin 4-FLT3-STAT6 axis in multipotent progenitors restores lymphopoiesis in inflammation and aging. *Immunity*, 59(7), 1843.

Madej M, et al. (2025) PUS10-induced tRNA fragmentation impacts retrotransposon-driven inflammation. *Cell reports*, 44(6), 115735.

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.

Watanuki S, et al. (2024) Context-dependent modification of PFKFB3 in hematopoietic stem cells promotes anaerobic glycolysis and ensures stress hematopoiesis. *eLife*, 12.

Li JJ, et al. (2024) Differentiation route determines the functional outputs of adult megakaryopoiesis. *Immunity*, 57(3), 478.

Cieřla M, et al. (2023) m6A-driven SF3B1 translation control steers splicing to direct genome integrity and leukemogenesis. *Molecular cell*, 83(7), 1165.

Luo H, et al. (2023) SON is an essential m6A target for hematopoietic stem cell fate. *Cell stem cell*, 30(12), 1658.

Kobayashi M, et al. (2023) HSC-independent definitive hematopoiesis persists into adult life. *Cell reports*, 42(3), 112239.

Becker HJ, et al. (2023) Controlling genetic heterogeneity in gene-edited hematopoietic stem cells by single-cell expansion. *Cell stem cell*, 30(7), 987.

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.

Koide S, et al. (2022) CD244 expression represents functional decline of murine hematopoietic stem cells after in vitro culture. *iScience*, 25(1), 103603.

Wang D, et al. (2022) Developmental maturation of the hematopoietic system controlled by a Lin28b-let-7-Cbx2 axis. *Cell reports*, 39(1), 110587.

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

Liu X, et al. (2021) Notch-induced endoplasmic reticulum-associated degradation governs mouse thymocyte γ -selection. *eLife*, 10.

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.

Lengefeld J, et al. (2021) Cell size is a determinant of stem cell potential during aging. *Science advances*, 7(46), eabk0271.

Yi W, et al. (2021) Protein S-nitrosylation regulates proteostasis and viability of hematopoietic stem cell during regeneration. *Cell reports*, 34(13), 108922.

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

He M, et al. (2020) An Acetylation Switch of the NLRP3 Inflammasome Regulates Aging-Associated Chronic Inflammation and Insulin Resistance. *Cell metabolism*, 31(3), 580.