

Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 1, 2025

CD117 (c-Kit) Monoclonal Antibody (2B8), APC-eFluor™ 780, eBioscience

RRID:AB_1272177

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 47-1171-82, RRID:AB_1272177)

Antibody Information

URL: http://antibodyregistry.org/AB_1272177

Proper Citation: (Thermo Fisher Scientific Cat# 47-1171-82, RRID:AB_1272177)

Target Antigen: CD117 (c-Kit)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow (0.125 µg/test)
Consolidation on 1/2020: AB_1272177, AB_11042626

Antibody Name: CD117 (c-Kit) Monoclonal Antibody (2B8), APC-eFluor™ 780, eBioscience

Description: This monoclonal targets CD117 (c-Kit)

Target Organism: porcine, mouse

Clone ID: Clone 2B8

Antibody ID: AB_1272177

Vendor: Thermo Fisher Scientific

Catalog Number: 47-1171-82

Record Creation Time: 20231110T062042+0000

Record Last Update: 20241115T063950+0000

Ratings and Alerts

No rating or validation information has been found for CD117 (c-Kit) Monoclonal Antibody (2B8), APC-eFluor™ 780, eBioscience.

No alerts have been found for CD117 (c-Kit) Monoclonal Antibody (2B8), APC-eFluor™ 780, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 40 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Shi D, et al. (2024) Pseudouridine synthase 1 regulates erythropoiesis via transfer RNAs pseudouridylation and cytoplasmic translation. *iScience*, 27(3), 109265.

Du C, et al. (2024) Mitochondrial serine catabolism safeguards maintenance of the hematopoietic stem cell pool in homeostasis and injury. *Cell stem cell*, 31(10), 1484.

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.

Kara N, et al. (2023) Endothelial and Leptin Receptor+ cells promote the maintenance of stem cells and hematopoiesis in early postnatal murine bone marrow. *Developmental cell*, 58(5), 348.

Kain BN, et al. (2023) Hematopoietic stem and progenitor cells confer cross-protective trained immunity in mouse models. *iScience*, 26(9), 107596.

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

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.

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

Konturek-Ciesla A, et al. (2023) Temporal multimodal single-cell profiling of native hematopoiesis illuminates altered differentiation trajectories with age. *Cell reports*, 42(4), 112304.

Chandra A, et al. (2023) Quantitative control of Ets1 dosage by a multi-enhancer hub promotes Th1 cell differentiation and protects from allergic inflammation. *Immunity*, 56(7), 1451.

Klaus A, et al. (2022) CLASP2 safeguards hematopoietic stem cell properties during mouse and fish development. *Cell reports*, 39(11), 110957.

Du C, et al. (2022) Renal Klotho and inorganic phosphate are extrinsic factors that antagonistically regulate hematopoietic stem cell maintenance. *Cell reports*, 38(7), 110392.

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

Xiong J, et al. (2022) Identification and characterization of innate lymphoid cells generated from pluripotent stem cells. *Cell reports*, 41(5), 111569.

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

Morales-Mantilla DE, et al. (2022) Hematopoietic stem and progenitor cells improve survival from sepsis by boosting immunomodulatory cells. *eLife*, 11.

Rehn M, et al. (2022) PTBP1 promotes hematopoietic stem cell maintenance and red blood cell development by ensuring sufficient availability of ribosomal constituents. *Cell reports*, 39(6), 110793.

Sá da Bandeira D, et al. (2022) PDGFR⁺ cells play a dual role as hematopoietic precursors and niche cells during mouse ontogeny. *Cell reports*, 40(3), 111114.

Lv K, et al. (2021) HectD1 controls hematopoietic stem cell regeneration by coordinating ribosome assembly and protein synthesis. *Cell stem cell*, 28(7), 1275.

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