

# Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on May 2, 2024

## CD117 MicroBeads

RRID:AB\_2753213

Type: Antibody

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### Proper Citation

(Miltenyi Biotec Cat# 130-091-224, RRID:AB\_2753213)

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_2753213](http://antibodyregistry.org/AB_2753213)

**Proper Citation:** (Miltenyi Biotec Cat# 130-091-224, RRID:AB\_2753213)

**Target Antigen:** CD117

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Discontinued: 2021;

**Antibody Name:** CD117 MicroBeads

**Description:** This monoclonal targets CD117

**Target Organism:** mouse

**Antibody ID:** AB\_2753213

**Vendor:** Miltenyi Biotec

**Catalog Number:** 130-091-224

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### Ratings and Alerts

No rating or validation information has been found for CD117 MicroBeads.

**Warning:** Discontinued: 2021  
Discontinued: 2021;

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Pritchard JE, et al. (2024) Non-canonical Hedgehog signaling mediates profibrotic hematopoiesis-stroma crosstalk in myeloproliferative neoplasms. Cell reports, 43(1), 113608.

Le DT, et al. (2023) BATF2 promotes HSC myeloid differentiation by amplifying IFN response mediators during chronic infection. iScience, 26(2), 106059.

Xu J, et al. (2023) KMT2D Deficiency Promotes Myeloid Leukemias which Is Vulnerable to Ribosome Biogenesis Inhibition. Advanced science (Weinheim, Baden-Wurttemberg, Germany), e2206098.

Liu L, et al. (2023) Exercise reprograms the inflammatory landscape of multiple stem cell compartments during mammalian aging. Cell stem cell, 30(5), 689.

Brabson JP, et al. (2023) Oxidized mC modulates synthetic lethality to PARP inhibitors for the treatment of leukemia. Cell reports, 42(1), 112027.

Eisele AS, et al. (2022) Erythropoietin directly remodels the clonal composition of murine hematopoietic multipotent progenitor cells. eLife, 11.

Liu M, et al. (2022) PERK reprograms hematopoietic progenitor cells to direct tumor-promoting myelopoiesis in the spleen. The Journal of experimental medicine, 219(4).

Jacobs K, et al. (2022) Stress-triggered hematopoietic stem cell proliferation relies on PrimPol-mediated repriming. Molecular cell, 82(21), 4176.

DeVilbiss AW, et al. (2021) Metabolomic profiling of rare cell populations isolated by flow cytometry from tissues. eLife, 10.

Agarwal P, et al. (2021) TNF- $\alpha$ -induced alterations in stromal progenitors enhance leukemic stem cell growth via CXCR2 signaling. Cell reports, 36(2), 109386.

Miyamoto R, et al. (2021) HOXA9 promotes MYC-mediated leukemogenesis by maintaining gene expression for multiple anti-apoptotic pathways. eLife, 10.

Takahashi S, et al. (2021) HBO1-MLL interaction promotes AF4/ENL/P-TEFb-mediated leukemogenesis. eLife, 10.

Hormaechea-Agulla D, et al. (2021) Chronic infection drives Dnmt3a-loss-of-function clonal

hematopoiesis via IFN $\gamma$  signaling. Cell stem cell, 28(8), 1428.

Qi L, et al. (2021) Aspartate availability limits hematopoietic stem cell function during hematopoietic regeneration. Cell stem cell, 28(11), 1982.

Arai F, et al. (2020) Machine Learning of Hematopoietic Stem Cell Divisions from Paired Daughter Cell Expression Profiles Reveals Effects of Aging on Self-Renewal. Cell systems, 11(6), 640.

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

Ramakrishnan R, et al. (2020) CXCR4 Signaling Has a CXCL12-Independent Essential Role in Murine MLL-AF9-Driven Acute Myeloid Leukemia. Cell reports, 31(8), 107684.

Spevak CC, et al. (2020) Hematopoietic Stem and Progenitor Cells Exhibit Stage-Specific Translational Programs via mTOR- and CDK1-Dependent Mechanisms. Cell stem cell, 26(5), 755.

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