

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

CD117

RRID:AB_647250

Type: Antibody

Proper Citation

BD Biosciences Cat# 558163, RRID:AB_647250

Antibody Information

URL: http://antibodyregistry.org/AB_647250

Proper Citation: BD Biosciences Cat# 558163, RRID:AB_647250

Target Antigen: CD117 (c-Kit)

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: CD117

Description: This monoclonal targets CD117 (c-Kit)

Target Organism: mouse

Antibody ID: AB_647250

Vendor: BD Biosciences

Catalog Number: 558163

Record Creation Time: 20250820T011510+0000

Record Last Update: 20250820T102555+0000

Ratings and Alerts

No rating or validation information has been found for CD117.

No alerts have been found for CD117.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Simats A, et al. (2024) Innate immune memory after brain injury drives inflammatory cardiac dysfunction. *Cell*, 187(17), 4637.

Zoch A, et al. (2024) C19ORF84 connects piRNA and DNA methylation machineries to defend the mammalian germ line. *Molecular cell*, 84(6), 1021.

Yu PC, et al. (2024) SMARCA5 reprograms AKR1B1-mediated fructose metabolism to control leukemogenesis. *Developmental cell*, 59(15), 1954.

Hansen SL, et al. (2023) An organoid-based CRISPR-Cas9 screen for regulators of intestinal epithelial maturation and cell fate. *Science advances*, 9(28), eadg4055.

Ahrends T, et al. (2021) Enteric pathogens induce tissue tolerance and prevent neuronal loss from subsequent infections. *Cell*, 184(23), 5715.

McFarland AP, et al. (2021) Multi-tissue single-cell analysis deconstructs the complex programs of mouse natural killer and type 1 innate lymphoid cells in tissues and circulation. *Immunity*, 54(6), 1320.

Azzoni E, et al. (2021) The onset of circulation triggers a metabolic switch required for endothelial to hematopoietic transition. *Cell reports*, 37(11), 110103.

Wagner M, et al. (2020) Tumor-Derived Lactic Acid Contributes to the Paucity of Intratumoral ILC2s. *Cell reports*, 30(8), 2743.

Kim S, et al. (2020) High Amount of Transcription Factor IRF8 Engages AP1-IRF Composite Elements in Enhancers to Direct Type 1 Conventional Dendritic Cell Identity. *Immunity*, 53(4), 759.

Bianchi JJ, et al. (2019) Breakage-Fusion-Bridge Events Trigger Complex Genome Rearrangements and Amplifications in Developmentally Arrested T Cell Lymphomas. *Cell reports*, 27(10), 2847.

Sasaki T, et al. (2019) Innate Lymphoid Cells in the Induction of Obesity. *Cell reports*, 28(1), 202.

W?nsche P, et al. (2018) Mapping Active Gene-Regulatory Regions in Human Repopulating Long-Term HSCs. *Cell stem cell*, 23(1), 132.