

Resource Summary Report

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

CD117

RRID:AB_394805

Type: Antibody

Proper Citation

BD Biosciences Cat# 553354, RRID:AB_394805

Antibody Information

URL: http://antibodyregistry.org/AB_394805

Proper Citation: BD Biosciences Cat# 553354, RRID:AB_394805

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_394805

Vendor: BD Biosciences

Catalog Number: 553354

Record Creation Time: 20250820T054057+0000

Record Last Update: 20250820T221158+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 10 mentions in open access literature.

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

Fukasawa K, et al. (2026) Regulatory role of mTORC1 signaling in osteoblasts in acute myeloid leukemia progression and steady-state hematopoiesis. *iScience*, 29(1), 114533.

Zhang Y, et al. (2025) In-depth functional analysis of BRD9 in fetal hematopoiesis reveals context-dependent roles. *iScience*, 28(3), 112010.

Taketomi Y, et al. (2024) Lipid-orchestrated paracrine circuit coordinates mast cell maturation and anaphylaxis through functional interaction with fibroblasts. *Immunity*, 57(8), 1828.

Linde IL, et al. (2023) Neutrophil-activating therapy for the treatment of cancer. *Cancer cell*, 41(2), 356.

Houde N, et al. (2022) Fine-tuning of MEK signaling is pivotal for limiting B and T??cell activation. *Cell reports*, 38(2), 110223.

Sinha T, et al. (2022) Differential Etv2 threshold requirement for endothelial and erythropoietic development. *Cell reports*, 39(9), 110881.

Mikami Y, et al. (2021) MicroRNA-221 and -222 modulate intestinal inflammatory Th17 cell response as negative feedback regulators downstream of interleukin-23. *Immunity*, 54(3), 514.

Ho YH, et al. (2019) Remodeling of Bone Marrow Hematopoietic Stem Cell Niches Promotes Myeloid Cell Expansion during Premature or Physiological Aging. *Cell stem cell*, 25(3), 407.

Knolle MD, et al. (2018) MicroRNA-155 Protects Group 2 Innate Lymphoid Cells From Apoptosis to Promote Type-2 Immunity. *Frontiers in immunology*, 9, 2232.

Passaro D, et al. (2017) Increased Vascular Permeability in the Bone Marrow Microenvironment Contributes to Disease Progression and Drug Response in Acute Myeloid Leukemia. *Cancer cell*, 32(3), 324.