

# Resource Summary Report

Generated by [dkNET](#) on Aug 1, 2026

## APC anti-mouse CD117 (c-kit)

RRID:AB\_313220

Type: Antibody

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### Proper Citation

BioLegend Cat# 105811, RRID:AB\_313220

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_313220](http://antibodyregistry.org/AB_313220)

**Proper Citation:** BioLegend Cat# 105811, RRID:AB\_313220

**Target Antigen:** CD117

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** APC anti-mouse CD117 (c-kit)

**Description:** This monoclonal targets CD117

**Target Organism:** mouse

**Clone ID:** Clone 2B8

**Antibody ID:** AB\_313220

**Vendor:** BioLegend

**Catalog Number:** 105811

**Alternative Catalog Numbers:** 105812

**Record Creation Time:** 20250819T231321+0000

**Record Last Update:** 20250820T044039+0000

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### Ratings and Alerts

No rating or validation information has been found for APC anti-mouse CD117 (c-kit).

No alerts have been found for APC anti-mouse CD117 (c-kit).

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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 [dkNET](#) .

Janssen E, et al. (2025) DOCK8 in T cells promotes Th17 and Treg cell functionality to restrain mucosal mast cells and limit susceptibility to oral anaphylaxis. *Immunity*, 58(7), 1794.

Shimba A, et al. (2025) Stress-induced glucocorticoids enhance acute inflammation by promoting the differentiation of Th17 cells. *Cell reports*, 44(8), 116093.

Henriques-Oliveira L, et al. (2025) Anchored screening identifies transcription factor blueprints underlying dendritic cell diversity and subset-specific anti-tumor immunity. *Immunity*.

Das M, et al. (2025) *S. aureus* exposure during cutaneous antigen sensitization causes basophil- and interleukin-4-dependent exaggerated food anaphylaxis. *Immunity*.

Hsu AY, et al. (2025) Neutrophil-derived vesicles control complement activation to facilitate inflammation resolution. *Cell*, 188(6), 1623.

Trzebanski S, et al. (2024) Classical monocyte ontogeny dictates their functions and fates as tissue macrophages. *Immunity*, 57(6), 1225.

Nakanishi Y, et al. (2024) Semaphorin 6D tunes amygdalar circuits for emotional, metabolic, and inflammatory outputs. *Neuron*, 112(17), 2955.

Vercellino J, et al. (2024) Thrombopoietin mimetic stimulates bone marrow vascular and stromal niches to mitigate acute radiation syndrome. *Stem cell research & therapy*, 15(1), 123.

Canella A, et al. (2023) Genetically modified IL2 bone-marrow-derived myeloid cells reprogram the glioma immunosuppressive tumor microenvironment. *Cell reports*, 42(8), 112891.

Dai YW, et al. (2022) Meteorin links the bone marrow hypoxic state to hematopoietic stem/progenitor cell mobilization. *Cell reports*, 40(12), 111361.

Wang Z, et al. (2022) Leucine-tRNA-synthase-2-expressing B cells contribute to colorectal cancer immunoevasion. *Immunity*, 55(6), 1067.

Barkaway A, et al. (2021) Age-related changes in the local milieu of inflamed tissues cause aberrant neutrophil trafficking and subsequent remote organ damage. *Immunity*, 54(7), 1494.

Ishikawa Y, et al. (2021) Repeated social defeat stress induces neutrophil mobilization in mice: maintenance after cessation of stress and strain-dependent difference in response. *British journal of pharmacology*, 178(4), 827.

Chen CC, et al. (2020) Vitamin B6 Addiction in Acute Myeloid Leukemia. *Cancer cell*, 37(1), 71.

Srivastava S, et al. (2019) Logic-Gated ROR1 Chimeric Antigen Receptor Expression Rescues T Cell-Mediated Toxicity to Normal Tissues and Enables Selective Tumor Targeting. *Cancer cell*, 35(3), 489.

Viny AD, et al. (2019) Cohesin Members Stag1 and Stag2 Display Distinct Roles in Chromatin Accessibility and Topological Control of HSC Self-Renewal and Differentiation. *Cell stem cell*, 25(5), 682.

Sibon D, et al. (2019) Enhanced Renewal of Erythroid Progenitors in Myelodysplastic Anemia by Peripheral Serotonin. *Cell reports*, 26(12), 3246.

Brian BF, et al. (2019) Unique-region phosphorylation targets LynA for rapid degradation, tuning its expression and signaling in myeloid cells. *eLife*, 8.

Kunimoto H, et al. (2018) Cooperative Epigenetic Remodeling by TET2 Loss and NRAS Mutation Drives Myeloid Transformation and MEK Inhibitor Sensitivity. *Cancer cell*, 33(1), 44.