

# Resource Summary Report

Generated by [kravitz2](#) on Aug 9, 2026

## Biotin anti-mouse CD5

RRID:AB\_312733

Type: Antibody

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### Proper Citation

BioLegend Cat# 100604, RRID:AB\_312733

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_312733](http://antibodyregistry.org/AB_312733)

**Proper Citation:** BioLegend Cat# 100604, RRID:AB\_312733

**Target Antigen:** CD5

**Host Organism:** rat

**Clonality:** monoclonal

**Comments:** Applications: FC

**Antibody Name:** Biotin anti-mouse CD5

**Description:** This monoclonal targets CD5

**Target Organism:** mouse

**Clone ID:** Clone 53-7.3

**Antibody ID:** AB\_312733

**Vendor:** BioLegend

**Catalog Number:** 100604

**Alternative Catalog Numbers:** 100603

**Record Creation Time:** 20250819T225850+0000

**Record Last Update:** 20250820T035450+0000

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### Ratings and Alerts

No rating or validation information has been found for Biotin anti-mouse CD5.

No alerts have been found for Biotin anti-mouse CD5.

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## Data and Source Information

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

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## Usage and Citation Metrics

We found 15 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [kravitz2](#) .

Yao J, et al. (2026) Activating an interleukin 4-FLT3-STAT6 axis in multipotent progenitors restores lymphopoiesis in inflammation and aging. *Immunity*, 59(7), 1843.

Menezes-Silva L, et al. (2026) Hormonal rewiring of immunity during dietary restriction ensures host defense and systemic glucose conservation. *Immunity*, 59(3), 700.

Nahiyera M, et al. (2025) Sca-1 expression depicts pro-inflammatory murine neutrophils under steady-state and pathological conditions. *Cell reports*, 44(7), 115995.

Patrick R, et al. (2024) The activity of early-life gene regulatory elements is hijacked in aging through pervasive AP-1-linked chromatin opening. *Cell metabolism*, 36(8), 1858.

Torcellan T, et al. (2024) Circulating NK cells establish tissue residency upon acute infection of skin and mediate accelerated effector responses to secondary infection. *Immunity*, 57(1), 124.

Thomas P, et al. (2024) High affinity mAb infusion can enhance maximum affinity maturation during HIV Env immunization. *iScience*, 27(4), 109495.

Xie J, et al. (2023) The miR-17-92 miRNAs promote plasma cell differentiation by suppressing SOCS3-mediated NIK degradation. *Cell reports*, 42(8), 112968.

Bajana S, et al. (2022) Correlation between circulating innate lymphoid cell precursors and thymic function. *iScience*, 25(2), 103732.

Yamamoto K, et al. (2021) A histone modifier, ASXL1, interacts with NONO and is involved in paraspeckle formation in hematopoietic cells. *Cell reports*, 36(8), 109576.

Young K, et al. (2021) Decline in IGF1 in the bone marrow microenvironment initiates hematopoietic stem cell aging. *Cell stem cell*, 28(8), 1473.

Opejin A, et al. (2020) A Two-Step Process of Effector Programming Governs CD4+ T Cell Fate Determination Induced by Antigenic Activation in the Steady State. *Cell reports*, 33(8), 108424.

Zeis P, et al. (2020) In Situ Maturation and Tissue Adaptation of Type 2 Innate Lymphoid Cell Progenitors. *Immunity*, 53(4), 775.

Dey A, et al. (2019) BRD4 directs hematopoietic stem cell development and modulates macrophage inflammatory responses. *The EMBO journal*, 38(7).

Hurrell BP, et al. (2019) TNFR2 Signaling Enhances ILC2 Survival, Function, and Induction of Airway Hyperreactivity. *Cell reports*, 29(13), 4509.

Fukushima T, et al. (2019) Discrimination of Dormant and Active Hematopoietic Stem Cells by G0 Marker Reveals Dormancy Regulation by Cytoplasmic Calcium. *Cell reports*, 29(12), 4144.