

Resource Summary Report

Generated by [RRID](#) on Sep 6, 2026

Rat Anti-CD5 Monoclonal Antibody, Biotin Conjugated, Clone 53-7.3

RRID:AB_394557

Type: Antibody

Proper Citation

BD Biosciences Cat# 553019, RRID:AB_394557

Antibody Information

URL: http://antibodyregistry.org/AB_394557

Proper Citation: BD Biosciences Cat# 553019, RRID:AB_394557

Target Antigen: CD5

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Rat Anti-CD5 Monoclonal Antibody, Biotin Conjugated, Clone 53-7.3

Description: This monoclonal targets CD5

Target Organism: mouse

Clone ID: 53-7.3

Antibody ID: AB_394557

Vendor: BD Biosciences

Catalog Number: 553019

Record Creation Time: 20231110T044633+0000

Record Last Update: 20260901T001844+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD5 Monoclonal Antibody, Biotin Conjugated, Clone 53-7.3.

No alerts have been found for Rat Anti-CD5 Monoclonal Antibody, Biotin Conjugated, Clone 53-7.3.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 16 mentions in open access literature.

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

Liu F, et al. (2025) TAF1 is required for fetal but not adult hematopoiesis in mice. Developmental cell.

Guichard V, et al. (2025) Pre-existing epigenetic state and differential NF- κ B activation shape type 2 immune cell responses. Immunity, 58(6), 1422.

Kucinski I, et al. (2024) A time- and single-cell-resolved model of murine bone marrow hematopoiesis. Cell stem cell, 31(2), 244.

Cui X, et al. (2023) Latexin regulates sex dimorphism in hematopoiesis via gender-specific differential expression of microRNA 98-3p and thrombospondin 1. Cell reports, 42(3), 112274.

Rommel MGE, et al. (2022) Influenza A virus infection instructs hematopoiesis to megakaryocyte-lineage output. Cell reports, 41(1), 111447.

Downey J, et al. (2022) Mitochondrial cyclophilin D promotes disease tolerance by licensing NK cell development and IL-22 production against influenza virus. Cell reports, 39(12), 110974.

Fang D, et al. (2022) Differential regulation of transcription factor T-bet induction during NK cell development and T helper-1 cell differentiation. Immunity, 55(4), 639.

Young IC, et al. (2021) Differentiation of fetal hematopoietic stem cells requires ARID4B to restrict autocrine KITLG/KIT-Src signaling. Cell reports, 37(8), 110036.

Umeshappa CS, et al. (2021) Liver-specific T regulatory type-1 cells program local neutrophils to suppress hepatic autoimmunity via CRAMP. Cell reports, 34(13), 108919.

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

Moorlag SJCFM, et al. (2020) β -Glucan Induces Protective Trained Immunity against Mycobacterium tuberculosis Infection: A Key Role for IL-1. Cell reports, 31(7), 107634.

Khan N, et al. (2020) M. tuberculosis Reprograms Hematopoietic Stem Cells to Limit Myelopoiesis and Impair Trained Immunity. Cell, 183(3), 752.

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

Paris J, et al. (2019) Targeting the RNA m6A Reader YTHDF2 Selectively Compromises Cancer Stem Cells in Acute Myeloid Leukemia. Cell stem cell, 25(1), 137.

Kaufmann E, et al. (2018) BCG Educates Hematopoietic Stem Cells to Generate Protective Innate Immunity against Tuberculosis. Cell, 172(1-2), 176.

Greenblatt SM, et al. (2018) CARM1 Is Essential for Myeloid Leukemogenesis but Dispensable for Normal Hematopoiesis. Cancer cell, 33(6), 1111.