

Resource Summary Report

Generated by [dkNET](#) on Aug 18, 2026

Rat Anti-CD23 Monoclonal Antibody, Phycoerythrin Conjugated, Clone B3B4

RRID:AB_394654

Type: Antibody

Proper Citation

BD Biosciences Cat# 553139, RRID:AB_394654

Antibody Information

URL: http://antibodyregistry.org/AB_394654

Proper Citation: BD Biosciences Cat# 553139, RRID:AB_394654

Target Antigen: CD23

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Rat Anti-CD23 Monoclonal Antibody, Phycoerythrin Conjugated, Clone B3B4

Description: This monoclonal targets CD23

Target Organism: mouse

Clone ID: B3B4

Antibody ID: AB_394654

Vendor: BD Biosciences

Catalog Number: 553139

Record Creation Time: 20250820T065913+0000

Record Last Update: 20250821T012109+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD23 Monoclonal Antibody, Phycoerythrin Conjugated, Clone B3B4.

No alerts have been found for Rat Anti-CD23 Monoclonal Antibody, Phycoerythrin Conjugated, Clone B3B4.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Ghosh A, et al. (2025) Potentiation of noncanonical NF- κ B signaling and marginal zone B cell expansion by CARD11-mediated regulation of p100 processing. *Cell reports*, 44(12), 116616.

Marcial-Juárez E, et al. (2023) Salmonella infection induces the reorganization of follicular dendritic cell networks concomitant with the failure to generate germinal centers. *iScience*, 26(4), 106310.

Català C, et al. (2022) CD6 deficiency impairs early immune response to bacterial sepsis. *iScience*, 25(10), 105078.

Newman R, et al. (2021) Chronic calcium signaling in IgE⁺ B cells limits plasma cell differentiation and survival. *Immunity*, 54(12), 2756.

New JS, et al. (2020) Neonatal Exposure to Commensal-Bacteria-Derived Antigens Directs Polysaccharide-Specific B-1 B Cell Repertoire Development. *Immunity*, 53(1), 172.

Francesconi M, et al. (2019) Single cell RNA-seq identifies the origins of heterogeneity in efficient cell transdifferentiation and reprogramming. *eLife*, 8.

Sardina JL, et al. (2018) Transcription Factors Drive Tet2-Mediated Enhancer Demethylation to Reprogram Cell Fate. *Cell stem cell*, 23(5), 727.

Yu X, et al. (2018) Complex Interplay between Epitope Specificity and Isotype Dictates the Biological Activity of Anti-human CD40 Antibodies. *Cancer cell*, 33(4), 664.

Suan D, et al. (2017) CCR6 Defines Memory B Cell Precursors in Mouse and Human Germinal Centers, Revealing Light-Zone Location and Predominant Low Antigen Affinity. *Immunity*, 47(6), 1142.