

Resource Summary Report

Generated by [dkNET](#) on Aug 7, 2026

Rat Anti-IgM Monoclonal Antibody, Allophycocyanin Conjugated, Clone II/41

RRID:AB_398464

Type: Antibody

Proper Citation

BD Biosciences Cat# 550676, RRID:AB_398464

Antibody Information

URL: http://antibodyregistry.org/AB_398464

Proper Citation: BD Biosciences Cat# 550676, RRID:AB_398464

Target Antigen: IgM

Host Organism: rat

Clonality: monoclonal

Comments: Applications: Flow cytometry

Antibody Name: Rat Anti-IgM Monoclonal Antibody, Allophycocyanin Conjugated, Clone II/41

Description: This monoclonal targets IgM

Target Organism: mouse

Clone ID: II/41

Antibody ID: AB_398464

Vendor: BD Biosciences

Catalog Number: 550676

Record Creation Time: 20250820T042225+0000

Record Last Update: 20250820T184740+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-IgM Monoclonal Antibody, Allophycocyanin Conjugated, Clone II/41.

No alerts have been found for Rat Anti-IgM Monoclonal Antibody, Allophycocyanin Conjugated, Clone II/41.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 13 mentions in open access literature.

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

Gong S, et al. (2026) CFP1 promotes B cell class switch recombination through the regulation of S region germline transcription and proliferation. *iScience*, 29(6), 116255.

Garc a-Tenorio EM, et al. (2025) Novel CRISPR-Cas9 iPSC knockouts for PCCA and PCCB genes: advancing propionic acidemia research. *Human cell*, 38(3), 64.

Xu T, et al. (2024) Notch2 signaling governs activated B cells to form memory B cells. *Cell reports*, 43(7), 114454.

Zhao B, et al. (2024) USP7 promotes IgA class switching through stabilizing RUNX3 for germline transcription activation. *Cell reports*, 43(5), 114194.

Xu Z, et al. (2023) PTEN regulates hematopoietic lineage plasticity via PU.1-dependent chromatin accessibility. *Cell reports*, 42(8), 112967.

Yilmaz B, et al. (2021) Long-term evolution and short-term adaptation of microbiota strains and sub-strains in mice. *Cell host & microbe*, 29(4), 650.

Zhang H, et al. (2021) Bach2 attenuates IL-2R signaling to control Treg homeostasis and Tfr development. *Cell reports*, 35(6), 109096.

Chappaz S, et al. (2021) Homeostatic apoptosis prevents competition-induced atrophy in follicular B cells. *Cell reports*, 36(3), 109430.

Dingler FA, et al. (2020) Two Aldehyde Clearance Systems Are Essential to Prevent Lethal Formaldehyde Accumulation in Mice and Humans. *Molecular cell*, 80(6), 996.

Meyer SN, et al. (2019) Unique and Shared Epigenetic Programs of the CREBBP and EP300 Acetyltransferases in Germinal Center B Cells Reveal Targetable Dependencies in Lymphoma. *Immunity*, 51(3), 535.

Soodgupta D, et al. (2019) RAG-Mediated DNA Breaks Attenuate PU.1 Activity in Early B Cells through Activation of a SPIC-BCLAF1 Complex. *Cell reports*, 29(4), 829.

Brescia P, et al. (2018) MEF2B Instructs Germinal Center Development and Acts as an Oncogene in B Cell Lymphomagenesis. *Cancer cell*, 34(3), 453.

Magri G, et al. (2017) Human Secretory IgM Emerges from Plasma Cells Clonally Related to Gut Memory B Cells and Targets Highly Diverse Commensals. *Immunity*, 47(1), 118.