

Resource Summary Report

Generated by [dkNET](#) on Sep 8, 2026

Rat Anti-CD103 Monoclonal Antibody, Biotin Conjugated, Clone M290

RRID:AB_396730

Type: Antibody

Proper Citation

BD Biosciences Cat# 557493, RRID:AB_396730

Antibody Information

URL: http://antibodyregistry.org/AB_396730

Proper Citation: BD Biosciences Cat# 557493, RRID:AB_396730

Target Antigen: CD103

Host Organism: rat

Clonality: monoclonal

Comments: Flow cytometry

Antibody Name: Rat Anti-CD103 Monoclonal Antibody, Biotin Conjugated, Clone M290

Description: This monoclonal targets CD103

Target Organism: mouse

Clone ID: M290

Antibody ID: AB_396730

Vendor: BD Biosciences

Catalog Number: 557493

Record Creation Time: 20231110T044620+0000

Record Last Update: 20260831T205801+0000

Ratings and Alerts

No rating or validation information has been found for Rat Anti-CD103 Monoclonal Antibody, Biotin Conjugated, Clone M290.

No alerts have been found for Rat Anti-CD103 Monoclonal Antibody, Biotin Conjugated, Clone M290.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 6 mentions in open access literature.

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

Mooser C, et al. (2025) Diet-derived LPS determines intestinal IgA induction and repertoire characteristics independently of the microbiota. *Immunity*, 58(7), 1778.

Jakob MO, et al. (2023) ILC3s restrict the dissemination of intestinal bacteria to safeguard liver regeneration after surgery. *Cell reports*, 42(3), 112269.

Afkhami S, et al. (2022) Respiratory mucosal delivery of next-generation COVID-19 vaccine provides robust protection against both ancestral and variant strains of SARS-CoV-2. *Cell*, 185(5), 896.

D'Agostino MR, et al. (2022) Protocol for isolation and characterization of lung tissue resident memory T cells and airway trained innate immunity after intranasal vaccination in mice. *STAR protocols*, 3(3), 101652.

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.

Li Y, et al. (2017) Batf3-dependent CD8⁺ Dendritic Cells Aggravates Atherosclerosis via Th1 Cell Induction and Enhanced CCL5 Expression in Plaque Macrophages. *EBioMedicine*, 18, 188.