

Resource Summary Report

Generated by NIF on Jul 29, 2026

APC anti-mouse CD103

RRID:AB_1227503

Type: Antibody

Proper Citation

BioLegend Cat# 121413, RRID:AB_1227503

Antibody Information

URL: http://antibodyregistry.org/AB_1227503

Proper Citation: BioLegend Cat# 121413, RRID:AB_1227503

Target Antigen: CD103

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: APC anti-mouse CD103

Description: This monoclonal targets CD103

Target Organism: mouse

Clone ID: Clone 2E7

Antibody ID: AB_1227503

Vendor: BioLegend

Catalog Number: 121413

Alternative Catalog Numbers: 121414

Record Creation Time: 20250819T222826+0000

Record Last Update: 20250820T021836+0000

Ratings and Alerts

No rating or validation information has been found for APC anti-mouse CD103.

No alerts have been found for APC anti-mouse CD103.

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 [NIF](#) .

Kastner AL, et al. (2025) Durable lymphocyte subset elimination upon a single dose of AAV-delivered depletion antibody dissects immune control of chronic viral infection. *Immunity*, 58(2), 481.

Shimizu K, et al. (2025) Distinct TAM subset with cross-dressing capability determines the bifurcation of tumor immunity. *Cell reports*, 44(6), 115800.

Farazuddin M, et al. (2024) Inhibiting retinoic acid signaling in dendritic cells suppresses respiratory syncytial virus infection through enhanced antiviral immunity. *iScience*, 27(7), 110103.

Kaminski A, et al. (2023) Resident regulatory T cells reflect the immune history of individual lymph nodes. *Science immunology*, 8(89), eadj5789.

Liu J, et al. (2023) Glycosyltransferase Extl1 promotes CCR7-mediated dendritic cell migration to restrain infection and autoimmunity. *Cell reports*, 42(1), 111991.

Zhang X, et al. (2023) Tissue-resident Lachnospiraceae family bacteria protect against colorectal carcinogenesis by promoting tumor immune surveillance. *Cell host & microbe*, 31(3), 418.

Muñoz-Ruiz M, et al. (2023) IFN- γ -dependent interactions between tissue-intrinsic ?? T cells and tissue-infiltrating CD8 T cells limit allergic contact dermatitis. *The Journal of allergy and clinical immunology*, 152(6), 1520.

Morimoto J, et al. (2022) Aire suppresses CTLA-4 expression from the thymic stroma to control autoimmunity. *Cell reports*, 38(7), 110384.

Brüggemann TR, et al. (2022) Mouse phospholipid phosphatase 6 regulates dendritic cell cholesterol, macropinocytosis, and allergen sensitization. *iScience*, 25(10), 105185.

Katsuyama T, et al. (2021) Splicing factor SRSF1 is indispensable for regulatory T cell homeostasis and function. *Cell reports*, 36(1), 109339.

Ren Z, et al. (2021) Gut microbiota-CRAMP axis shapes intestinal barrier function and immune responses in dietary gluten-induced enteropathy. *EMBO molecular medicine*,

13(8), e14059.

Dong L, et al. (2021) The loss of RNA N6-adenosine methyltransferase Mettl14 in tumor-associated macrophages promotes CD8⁺ T cell dysfunction and tumor growth. *Cancer cell*, 39(7), 945.

Ruhland MK, et al. (2020) Visualizing Synaptic Transfer of Tumor Antigens among Dendritic Cells. *Cancer cell*, 37(6), 786.

Li Y, et al. (2020) Prebiotic-Induced Anti-tumor Immunity Attenuates Tumor Growth. *Cell reports*, 30(6), 1753.

Fachi JL, et al. (2019) Butyrate Protects Mice from *Clostridium difficile*-Induced Colitis through an HIF-1-Dependent Mechanism. *Cell reports*, 27(3), 750.

Fujita Y, et al. (2018) Regulation of S100A8 Stability by RNF5 in Intestinal Epithelial Cells Determines Intestinal Inflammation and Severity of Colitis. *Cell reports*, 24(12), 3296.