

# Resource Summary Report

Generated by ASWG on Aug 23, 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](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 17 mentions in open access literature.

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

Gong F, et al. (2026) Trans-presentation of IL-6R $\alpha$  by macrophages drives colorectal cancer development. Cell reports, 45(7), 117549.

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- $\gamma$ -dependent interactions between tissue-intrinsic  $\gamma\delta$  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<sup>+</sup> 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.