

Resource Summary Report

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CD103 (Integrin alpha E) Monoclonal Antibody (2E7), APC, eBioscience

RRID:AB_1106992

Type: Antibody

Proper Citation

(Thermo Fisher Scientific Cat# 17-1031-82, RRID:AB_1106992)

Antibody Information

URL: http://antibodyregistry.org/AB_1106992

Proper Citation: (Thermo Fisher Scientific Cat# 17-1031-82, RRID:AB_1106992)

Target Antigen: CD103 (Integrin alpha E)

Host Organism: armenian hamster

Clonality: monoclonal

Comments: Applications: Flow

Consolidation on 1/2020: AB_1106992, AB_10311733

Antibody Name: CD103 (Integrin alpha E) Monoclonal Antibody (2E7), APC, eBioscience

Description: This monoclonal targets CD103 (Integrin alpha E)

Target Organism: mouse

Clone ID: Clone 2E7

Antibody ID: AB_1106992

Vendor: Thermo Fisher Scientific

Catalog Number: 17-1031-82

Record Creation Time: 20251213T073857+0000

Record Last Update: 20260225T231108+0000

Ratings and Alerts

No rating or validation information has been found for CD103 (Integrin alpha E) Monoclonal Antibody (2E7), APC, eBioscience.

No alerts have been found for CD103 (Integrin alpha E) Monoclonal Antibody (2E7), APC, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Li C, et al. (2025) Integrin CD103 expression in naive CD8+ T cells promotes cytokine-driven acquisition of memory phenotype and effector function. *Immunity*.

Mandula JK, et al. (2024) Jagged2 targeting in lung cancer activates anti-tumor immunity via Notch-induced functional reprogramming of tumor-associated macrophages. *Immunity*, 57(5), 1124.

Cardinez C, et al. (2024) IKK2 controls the inflammatory potential of tissue-resident regulatory T cells in a murine gain of function model. *Nature communications*, 15(1), 2345.

Bülow S, et al. (2024) Bactericidal/permeability-increasing protein instructs dendritic cells to elicit Th22 cell response. *Cell reports*, 43(3), 113929.

Slamanig S, et al. (2024) Intranasal SARS-CoV-2 Omicron variant vaccines elicit humoral and cellular mucosal immunity in female mice. *EBioMedicine*, 105, 105185.

Dean JW, et al. (2023) The aryl hydrocarbon receptor cell intrinsically promotes resident memory CD8+ T cell differentiation and function. *Cell reports*, 42(1), 111963.

Weckel A, et al. (2023) Long-term tolerance to skin commensals is established neonatally through a specialized dendritic cell subgroup. *Immunity*, 56(6), 1239.

Gu Q, et al. (2023) The splicing isoform Foxp3² differentially regulates tTreg and pTreg homeostasis. *Cell reports*, 42(8), 112877.

Chang J, et al. (2022) Setd2 determines distinct properties of intestinal ILC3 subsets to regulate intestinal immunity. *Cell reports*, 38(11), 110530.

Lam KC, et al. (2021) Microbiota triggers STING-type I IFN-dependent monocyte reprogramming of the tumor microenvironment. *Cell*, 184(21), 5338.

Gabriely G, et al. (2021) Myeloid cell subsets that express latency-associated peptide promote cancer growth by modulating T cells. *iScience*, 24(11), 103347.

Shook BA, et al. (2020) Dermal Adipocyte Lipolysis and Myofibroblast Conversion Are Required for Efficient Skin Repair. *Cell stem cell*, 26(6), 880.

Leech JM, et al. (2019) Toxin-Triggered Interleukin-1 Receptor Signaling Enables Early-Life Discrimination of Pathogenic versus Commensal Skin Bacteria. *Cell host & microbe*, 26(6), 795.

Du L, et al. (2019) IGF-2 Preprograms Maturing Macrophages to Acquire Oxidative Phosphorylation-Dependent Anti-inflammatory Properties. *Cell metabolism*, 29(6), 1363.

Ciecko AE, et al. (2019) Interleukin-27 Is Essential for Type 1 Diabetes Development and Sjögren Syndrome-like Inflammation. *Cell reports*, 29(10), 3073.

Zhu X, et al. (2019) Noc4L-Mediated Ribosome Biogenesis Controls Activation of Regulatory and Conventional T Cells. *Cell reports*, 27(4), 1205.

Uccellini MB, et al. (2018) ISRE-Reporter Mouse Reveals High Basal and Induced Type I IFN Responses in Inflammatory Monocytes. *Cell reports*, 25(10), 2784.

Macdougall CE, et al. (2018) Visceral Adipose Tissue Immune Homeostasis Is Regulated by the Crosstalk between Adipocytes and Dendritic Cell Subsets. *Cell metabolism*, 27(3), 588.

Yu X, et al. (2017) The Cytokine TGF- β Promotes the Development and Homeostasis of Alveolar Macrophages. *Immunity*, 47(5), 903.

Chang YH, et al. (2017) Dichotomous Expression of TNF Superfamily Ligands on Antigen-Presenting Cells Controls Post-priming Anti-viral CD4⁺ T Cell Immunity. *Immunity*, 47(5), 943.