

Resource Summary Report

Generated by [NIF](#) on Sep 7, 2026

CD45.2 Monoclonal Antibody (104), Alexa Fluor™ 700, eBioscience

RRID:AB_657752

Type: Antibody

Proper Citation

Thermo Fisher Scientific Cat# 56-0454-82, RRID:AB_657752

Antibody Information

URL: http://antibodyregistry.org/AB_657752

Proper Citation: Thermo Fisher Scientific Cat# 56-0454-82, RRID:AB_657752

Target Antigen: CD45.2

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: Flow
Consolidation on 1/2020: AB_657752, AB_10172082

Antibody Name: CD45.2 Monoclonal Antibody (104), Alexa Fluor™ 700, eBioscience

Description: This monoclonal targets CD45.2

Target Organism: mouse

Clone ID: Clone 104

Antibody ID: AB_657752

Vendor: Thermo Fisher Scientific

Catalog Number: 56-0454-82

Record Creation Time: 20251213T073356+0000

Record Last Update: 20260903T214931+0000

Ratings and Alerts

No rating or validation information has been found for CD45.2 Monoclonal Antibody (104), Alexa Fluor™ 700, eBioscience.

No alerts have been found for CD45.2 Monoclonal Antibody (104), Alexa Fluor™ 700, eBioscience.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 38 mentions in open access literature.

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

Bolli E, et al. (2026) CCL3 is produced by aged neutrophils across cancers and promotes tumor growth. Cancer cell, 44(3), 624.

Zhang B, et al. (2026) Multiome-based identification of molecular markers for prospective identification of platelet-biased HSCs. Stem cell reports, 21(7), 102959.

Barahona JD, et al. (2026) TGF- β drives the conversion of conventional NK cells into uterine tissue-resident NK cells to support murine pregnancy. eLife, 15.

Obenaus M, et al. (2026) T cell engagers control solid tumors through clonal replacement and IL2-driven effector differentiation of CD8 T cells. bioRxiv : the preprint server for biology.

Yang N, et al. (2026) Pan-cancer macrophage atlas uncovers that MHC-IIhigh TAMs induce Treg activation through physical interactions. Cell reports, 45(4), 117230.

Hao Y, et al. (2026) SENP1 facilitates the adaptation of colonic non-lymphoid tissue Treg cells and restrains intestinal inflammation. Mucosal immunology, 100349.

Kim Y, et al. (2025) IL-21 shapes the B cell response in a context-dependent manner. Cell reports, 44(1), 115190.

Cohen JN, et al. (2025) Regulatory T cells in skin utilize the Cxcr4-Cxcl12 axis to promote hair follicle regeneration. Cell reports, 44(11), 116467.

Ritchie TM, et al. (2025) The impact of oral cannabis consumption during pregnancy on maternal spiral artery remodelling, fetal growth and offspring behaviour in mice. EBioMedicine, 114, 105572.

De Ponti FF, et al. (2025) Spatially restricted and ontogenically distinct hepatic macrophages are required for tissue repair. Immunity, 58(2), 362.

Boutet M, et al. (2025) Mutations in MLL3 promote breast cancer progression via HIF1 α -dependent intratumoral recruitment and differentiation of regulatory T cells. Immunity,

58(8), 2035.

Han P, et al. (2025) Quercetin-derived microbial metabolite DOPAC potentiates CD8⁺ T cell anti-tumor immunity via NRF2-mediated mitophagy. *Cell metabolism*, 37(12), 2438.

Zheng M, et al. (2024) TNF compromises intestinal bile-acid tolerance dictating colitis progression and limited infliximab response. *Cell metabolism*, 36(9), 2086.

Thompson Z, et al. (2024) Ing4-deficiency promotes a quiescent yet transcriptionally poised state in hematopoietic stem cells. *iScience*, 27(8), 110521.

Ferreira ACF, et al. (2023) Neuroprotective protein ADNP-dependent histone remodeling complex promotes T helper 2 immune cell differentiation. *Immunity*, 56(7), 1468.

Luo H, et al. (2023) SON is an essential m6A target for hematopoietic stem cell fate. *Cell stem cell*, 30(12), 1658.

Guilliams M, et al. (2022) Spatial proteogenomics reveals distinct and evolutionarily conserved hepatic macrophage niches. *Cell*, 185(2), 379.

Spath S, et al. (2022) Profiling of Tregs across tissues reveals plasticity in ST2 expression and hierarchies in tissue-specific phenotypes. *iScience*, 25(9), 104998.

Eagle K, et al. (2022) An oncogenic enhancer encodes selective selenium dependency in AML. *Cell stem cell*, 29(3), 386.

Tomac J, et al. (2021) Viral infection of the ovaries compromises pregnancy and reveals innate immune mechanisms protecting fertility. *Immunity*, 54(7), 1478.