

Resource Summary Report

Generated by [NIF](#) on Sep 17, 2026

PE anti-mouse CX3CR1

RRID:AB_2564314

Type: Antibody

Proper Citation

BioLegend Cat# 149005, RRID:AB_2564314

Antibody Information

URL: http://antibodyregistry.org/AB_2564314

Proper Citation: BioLegend Cat# 149005, RRID:AB_2564314

Target Antigen: CX3CR1

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: FC

Antibody Name: PE anti-mouse CX3CR1

Description: This monoclonal targets CX3CR1

Target Organism: mouse

Clone ID: Clone SA011F11

Antibody ID: AB_2564314

Vendor: BioLegend

Catalog Number: 149005

Alternative Catalog Numbers: 149006

Record Creation Time: 20231110T035209+0000

Record Last Update: 20260831T195124+0000

Ratings and Alerts

No rating or validation information has been found for PE anti-mouse CX3CR1.

No alerts have been found for PE anti-mouse CX3CR1.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

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

Xu Y, et al. (2025) Systematic monocyte subset analysis reveals differential contribution of Notch signaling components to monocyte heterogeneity. *iScience*, 28(11), 113795.

Ysasi AB, et al. (2024) A specialized population of monocyte-derived tracheal macrophages promote airway epithelial regeneration through a CCR2-dependent mechanism. *iScience*, 27(7), 110169.

Guak H, et al. (2024) Transcriptional programming mediated by the histone demethylase KDM5C regulates dendritic cell population heterogeneity and function. *Cell reports*, 43(8), 114506.

Nagai M, et al. (2024) Sugar and arginine facilitate oral tolerance by ensuring the functionality of tolerogenic immune cell subsets in the intestine. *Cell reports*, 43(7), 114490.

Wang X, et al. (2023) Prolonged hypernutrition impairs TREM2-dependent efferocytosis to license chronic liver inflammation and NASH development. *Immunity*, 56(1), 58.

Biram A, et al. (2022) Bacterial infection disrupts established germinal center reactions through monocyte recruitment and impaired metabolic adaptation. *Immunity*, 55(3), 442.

Fettig NM, et al. (2022) Inhibition of Th1 activation and differentiation by dietary guar gum ameliorates experimental autoimmune encephalomyelitis. *Cell reports*, 40(11), 111328.

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.

Frost JN, et al. (2021) Hepcidin-Mediated Hypoferremia Disrupts Immune Responses to Vaccination and Infection. *Med (New York, N.Y.)*, 2(2), 164.

Kaur K, et al. (2021) GM-CSF production by non-classical monocytes controls antagonistic LPS-driven functions in allergic inflammation. *Cell reports*, 37(13), 110178.

Liu H, et al. (2021) Pro-inflammatory and proliferative microglia drive progression of glioblastoma. *Cell reports*, 36(11), 109718.

Castro-Dopico T, et al. (2020) GM-CSF Calibrates Macrophage Defense and Wound Healing Programs during Intestinal Infection and Inflammation. *Cell reports*, 32(1), 107857.

Guendel F, et al. (2020) Group 3 Innate Lymphoid Cells Program a Distinct Subset of IL-22BP-Producing Dendritic Cells Demarcating Solitary Intestinal Lymphoid Tissues. *Immunity*, 53(5), 1015.

Castro-Dopico T, et al. (2019) Anti-commensal IgG Drives Intestinal Inflammation and Type 17 Immunity in Ulcerative Colitis. *Immunity*, 50(4), 1099.

Collins N, et al. (2019) The Bone Marrow Protects and Optimizes Immunological Memory during Dietary Restriction. *Cell*, 178(5), 1088.

Misumi I, et al. (2019) Obesity Expands a Distinct Population of T Cells in Adipose Tissue and Increases Vulnerability to Infection. *Cell reports*, 27(2), 514.

Anderson CK, et al. (2019) Qa-1-Restricted CD8⁺ T Cells Can Compensate for the Absence of Conventional T Cells during Viral Infection. *Cell reports*, 27(2), 537.

Leylek R, et al. (2019) Integrated Cross-Species Analysis Identifies a Conserved Transitional Dendritic Cell Population. *Cell reports*, 29(11), 3736.

Chagwedera DN, et al. (2019) Nutrient Sensing in CD11c Cells Alters the Gut Microbiota to Regulate Food Intake and Body Mass. *Cell metabolism*, 30(2), 364.

Luo J, et al. (2018) TRPV4 Channel Signaling in Macrophages Promotes Gastrointestinal Motility via Direct Effects on Smooth Muscle Cells. *Immunity*, 49(1), 107.