

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](https://fdi-lab.sci-crunch.org) on May 18, 2025

Mouse CXCR4 Antibody

RRID:AB_2261636

Type: Antibody

Proper Citation

(R and D Systems Cat# MAB21651, RRID:AB_2261636)

Antibody Information

URL: http://antibodyregistry.org/AB_2261636

Proper Citation: (R and D Systems Cat# MAB21651, RRID:AB_2261636)

Target Antigen: CXCR4

Host Organism: Rat

Clonality: monoclonal

Comments: Applications: Flow Cytometry, Immunohistochemistry, Neutralization, Immunocytochemistry, CyTOF-ready

Antibody Name: Mouse CXCR4 Antibody

Description: This monoclonal targets CXCR4

Target Organism: Mouse

Clone ID: 247506

Antibody ID: AB_2261636

Vendor: R and D Systems

Catalog Number: MAB21651

Alternative Catalog Numbers: MAB21651-500, MAB21651-SP, MAB21651-100

Record Creation Time: 20241016T235310+0000

Record Last Update: 20241017T012315+0000

Ratings and Alerts

No rating or validation information has been found for Mouse CXCR4 Antibody.

No alerts have been found for Mouse CXCR4 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 8 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Jung M, et al. (2023) Generation of a set of induced pluripotent stem cell lines from two Alzheimer disease patients carrying APOE4 (MLUi007-J; MLUi008-A) and healthy old donors carrying APOE3 (MLUi009-A; MLUi010-B) to study APOE in aging and disease. Stem cell research, 69, 103072.

Xu Y, et al. (2022) Tumor-infiltrated activated B cells suppress liver metastasis of colorectal cancers. Cell reports, 40(9), 111295.

Shi K, et al. (2022) Bone marrow hematopoiesis drives multiple sclerosis progression. Cell, 185(13), 2234.

Ridge LA, et al. (2021) Dual role for CXCL12 signaling in semilunar valve development. Cell reports, 36(8), 109610.

Li J, et al. (2021) Vitamin D Regulates CXCL12/CXCR4 and Epithelial-to-Mesenchymal Transition in a Model of Breast Cancer Metastasis to Lung. Endocrinology, 162(7).

Seeger DR, et al. (2021) Cyclooxygenase inhibition attenuates brain angiogenesis and independently decreases mouse survival under hypoxia. Journal of neurochemistry, 158(2), 246.

Galeano Niño JL, et al. (2020) Cytotoxic T cells swarm by homotypic chemokine signalling. eLife, 9.

Davidson S, et al. (2020) Single-Cell RNA Sequencing Reveals a Dynamic Stromal Niche That Supports Tumor Growth. Cell reports, 31(7), 107628.