

Resource Summary Report

Generated by [FDI Lab - SciCrunch.org](#) on Apr 30, 2025

Human/Mouse CXCL12/SDF-1 Antibody

RRID:AB_2088149

Type: Antibody

Proper Citation

(R and D Systems Cat# MAB350, RRID:AB_2088149)

Antibody Information

URL: http://antibodyregistry.org/AB_2088149

Proper Citation: (R and D Systems Cat# MAB350, RRID:AB_2088149)

Target Antigen: CXCL12/SDF-1

Host Organism: Mouse

Clonality: monoclonal

Comments: Applications: Immunohistochemistry, Intracellular Staining by Flow Cytometry, Immunocytochemistry, CyTOF-ready, Dual RNAscope ISH-IHC, ELISA Capture (Matched Antibody Pair), ELISA Capture (Matched Antibody Pair)

Antibody Name: Human/Mouse CXCL12/SDF-1 Antibody

Description: This monoclonal targets CXCL12/SDF-1

Target Organism: Human, Mouse

Clone ID: 79018

Antibody ID: AB_2088149

Vendor: R and D Systems

Catalog Number: MAB350

Alternative Catalog Numbers: MAB350-500, MAB350-100, MAB350-SP

Record Creation Time: 20241017T003205+0000

Record Last Update: 20241017T021941+0000

Ratings and Alerts

- Independent validation by the NYU Langone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development
<https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Human/Mouse CXCL12/SDF-1 Antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 12 mentions in open access literature.

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

Pu T, et al. (2024) Stromal-derived MAOB promotes prostate cancer growth and progression. Science advances, 10(6), eadi4935.

Bandyopadhyay S, et al. (2024) Mapping the cellular biogeography of human bone marrow niches using single-cell transcriptomics and proteomic imaging. Cell, 187(12), 3120.

Park SS, et al. (2024) Cellular senescence is associated with the spatial evolution toward a higher metastatic phenotype in colorectal cancer. Cell reports, 43(3), 113912.

Cords L, et al. (2024) Cancer-associated fibroblast phenotypes are associated with patient outcome in non-small cell lung cancer. Cancer cell, 42(3), 396.

Nestor-Kalinoski A, et al. (2022) Unique Neural Circuit Connectivity of Mouse Proximal, Middle, and Distal Colon Defines Regional Colonic Motor Patterns. Cellular and molecular gastroenterology and hepatology, 13(1), 309.

Roy IM, et al. (2022) Inhibition of SRC-mediated integrin signaling in bone marrow niche enhances hematopoietic stem cell function. iScience, 25(10), 105171.

Petzold T, et al. (2022) Neutrophil "plucking" on megakaryocytes drives platelet production and boosts cardiovascular disease. *Immunity*, 55(12), 2285.

Hilla AM, et al. (2021) CXCR4/CXCL12-mediated entrapment of axons at the injury site compromises optic nerve regeneration. *Proceedings of the National Academy of Sciences of the United States of America*, 118(21).

Benet Z, et al. (2021) Plasma cell dynamics in the bone marrow niche. *Cell reports*, 34(6), 108733.

Rohlenova K, et al. (2020) Single-Cell RNA Sequencing Maps Endothelial Metabolic Plasticity in Pathological Angiogenesis. *Cell metabolism*, 31(4), 862.

O'Connor T, et al. (2019) Age-Related Gliosis Promotes Central Nervous System Lymphoma through CCL19-Mediated Tumor Cell Retention. *Cancer cell*, 36(3), 250.

Siddiqi FS, et al. (2015) CXCR4 promotes renal tubular cell survival in male diabetic rats: implications for ligand inactivation in the human kidney. *Endocrinology*, 156(3), 1121.