Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 2, 2025

CXCR4 antibody [UMB2]

RRID:AB_10975635 Type: Antibody

Proper Citation

(Abcam Cat# ab124824, RRID:AB_10975635)

Antibody Information

URL: http://antibodyregistry.org/AB_10975635

Proper Citation: (Abcam Cat# ab124824, RRID:AB_10975635)

Target Antigen: CXCR4 antibody [UMB2]

Host Organism: rabbit

Clonality: monoclonal

Comments: validation status unknown, seller recommendations provided in 2012: Immunohistochemistry - fixed; Western Blot; Immunohistochemistry; IHC-P, WB

Antibody Name: CXCR4 antibody [UMB2]

Description: This monoclonal targets CXCR4 antibody [UMB2]

Target Organism: human

Antibody ID: AB_10975635

Vendor: Abcam

Catalog Number: ab124824

Record Creation Time: 20231110T062700+0000

Record Last Update: 20241115T081230+0000

Ratings and Alerts

No rating or validation information has been found for CXCR4 antibody [UMB2].

No alerts have been found for CXCR4 antibody [UMB2].

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Zhang M, et al. (2024) A Subpopulation of Luminal Progenitors Secretes Pleiotrophin to Promote Angiogenesis and Metastasis in Inflammatory Breast Cancer. Cancer research, 84(11), 1781.

Morita S, et al. (2024) Combination CXCR4 and PD1 blockade enhances intratumoral dendritic cell activation and immune responses against hepatocellular carcinoma. Cancer immunology research.

Alsalloum A, et al. (2024) Establishment of a human induced pluripotent stem cell line (ABi004-A) carrying a compound heterozygous mutation in the KCNV2 gene. Stem cell research, 80, 103512.

Biswas L, et al. (2023) Lymphatic vessels in bone support regeneration after injury. Cell, 186(2), 382.

McIntosh SZ, et al. (2022) CXCL12 May Drive Inflammatory Potential in the Ovine Corpus Luteum During Implantation. Reproductive sciences (Thousand Oaks, Calif.), 29(1), 122.

D'Amato G, et al. (2022) Endocardium-to-coronary artery differentiation during heart development and regeneration involves sequential roles of Bmp2 and Cxcl12/Cxcr4. Developmental cell, 57(22), 2517.

Schniewind I, et al. (2022) Cellular plasticity upon proton irradiation determines tumor cell radiosensitivity. Cell reports, 38(8), 110422.

Pallarès V, et al. (2021) Antineoplastic effect of a diphtheria toxin-based nanoparticle targeting acute myeloid leukemia cells overexpressing CXCR4. Journal of controlled release : official journal of the Controlled Release Society, 335, 117.

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

Campbell GR, et al. (2021) CD4+ T cell-mimicking nanoparticles encapsulating

DIABLO/SMAC mimetics broadly neutralize HIV-1 and selectively kill HIV-1-infected cells. Theranostics, 11(18), 9009.

Rajakumar SA, et al. (2021) Targeted blockade of immune mechanisms inhibit B precursor acute lymphoblastic leukemia cell invasion of the central nervous system. Cell reports. Medicine, 2(12), 100470.

Panova AV, et al. (2020) Generation of an induced pluripotent stem cell line MNDINSi001-A from a patient with neonatal diabetes caused by a heterozygous INS mutation. Stem cell research, 47, 101929.

Zhou H, et al. (2020) Chaperone-mediated Autophagy Governs Progression of Papillary Thyroid Carcinoma via PPAR?-SDF1/CXCR4 Signaling. The Journal of clinical endocrinology and metabolism, 105(10).

Das S, et al. (2019) A Unique Collateral Artery Development Program Promotes Neonatal Heart Regeneration. Cell, 176(5), 1128.

Anstötz M, et al. (2019) Integrity of Cajal-Retzius cells in the reeler-mouse hippocampus. Hippocampus, 29(6), 550.

Rosenberg EM, et al. (2019) Characterization, Dynamics, and Mechanism of CXCR4 Antagonists on a Constitutively Active Mutant. Cell chemical biology, 26(5), 662.

Chisolm DA, et al. (2019) Defining Genetic Variation in Widely Used Congenic and Backcrossed Mouse Models Reveals Varied Regulation of Genes Important for Immune Responses. Immunity, 51(1), 155.

Whitman MC, et al. (2018) Loss of CXCR4/CXCL12 Signaling Causes Oculomotor Nerve Misrouting and Development of Motor Trigeminal to Oculomotor Synkinesis. Investigative ophthalmology & visual science, 59(12), 5201.