Resource Summary Report

Generated by NIF on Apr 29, 2025

BD Scientific Canto II Flow Cytometer

RRID:SCR_018056 Type: Tool

Proper Citation

BD Scientific Canto II Flow Cytometer (RRID:SCR_018056)

Resource Information

URL: <u>https://www.bdbiosciences.com/en-us/instruments/research-instruments/research-cell-analyzers/facscanto-ii</u>

Proper Citation: BD Scientific Canto II Flow Cytometer (RRID:SCR_018056)

Description: Benchtop flow cytometer features reliable performance and accurate results for experiments requiring up to 10 parameters. Fixed alignment flow cell minimizes startup time and improves reproducibility. Patented optical design maximizes signal detection and increases sensitivity and resolution for each color in multicolor assay.

Synonyms: Canto II

Resource Type: instrument resource

Keywords: ABRF, Flow Cytometer, benchtop analyzer, cell analyzer, flow cytometry, multicolor analysis, BD FACSCanto II, instrument, equipment

Funding:

Resource Name: BD Scientific Canto II Flow Cytometer

Resource ID: SCR_018056

Alternate IDs: Model_Number_Canto II

Alternate URLs: https://www.bdbiosciences.com/content/dam/bdb/marketingdocuments/BD_FACSCanto_II_brochure.pdf

Record Creation Time: 20220129T080338+0000

Ratings and Alerts

No rating or validation information has been found for BD Scientific Canto II Flow Cytometer.

No alerts have been found for BD Scientific Canto II Flow Cytometer.

Data and Source Information

Source: SciCrunch Registry

Usage and Citation Metrics

We found 29 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>NIF</u>.

Hoffmann J, et al. (2025) Steatohepatitis-induced vascular niche alterations promote melanoma metastasis. Cancer & metabolism, 13(1), 5.

Tasis A, et al. (2024) Single-Cell Analysis of Bone Marrow CD8+ T Cells in Myeloid Neoplasms Reveals Pathways Associated with Disease Progression and Response to Treatment with Azacitidine. Cancer research communications, 4(12), 3067.

Zheng SM, et al. (2024) MILIP Binding to tRNAs Promotes Protein Synthesis to Drive Triple-Negative Breast Cancer. Cancer research, 84(9), 1460.

Wang CY, et al. (2024) UB-612 pan-SARS-CoV-2 T cell immunity-promoting vaccine protects against COVID-19 moderate-severe disease. iScience, 27(2), 108887.

Willems M, et al. (2024) The impact of Charcot-Leyden Crystal protein on mesothelioma chemotherapy: targeting eosinophils for enhanced chemosensitivity. EBioMedicine, 109, 105418.

Gellert J, et al. (2024) Tumoral Interferon Beta Induces an Immune-Stimulatory Phenotype in Tumor-Associated Macrophages in Melanoma Brain Metastases. Cancer research communications, 4(8), 2189.

Luckett T, et al. (2024) Mesothelin Secretion by Pancreatic Cancer Cells Co-opts Macrophages and Promotes Metastasis. Cancer research, 84(4), 527.

Boutin L, et al. (2024) Camelid-derived Tcell engagers harnessing human ?? T cells as promising antitumor immunotherapeutic agents. European journal of immunology, 54(8), e2350773.

de Kivit S, et al. (2024) Immune suppression by human thymus-derived effector Tregs relies on glucose/lactate-fueled fatty acid synthesis. Cell reports, 43(9), 114681.

de Homdedeu M, et al. (2023) Mycobacterium manresensis induces trained immunity in vitro. iScience, 26(6), 106873.

D'Antonio L, et al. (2023) Inactivation of interleukin-30 in colon cancer stem cells via CRISPR/Cas9 genome editing inhibits their oncogenicity and improves host survival. Journal for immunotherapy of cancer, 11(3).

Ciummo SL, et al. (2023) Interleukin-30 subverts prostate cancer-endothelium crosstalk by fostering angiogenesis and activating immunoregulatory and oncogenic signaling pathways. Journal of experimental & clinical cancer research : CR, 42(1), 336.

Caballero-Eraso C, et al. (2023) Rearrangement of cell types in the rat carotid body neurogenic niche induced by chronic intermittent hypoxia. The Journal of physiology, 601(5), 1017.

Li J, et al. (2023) Cooperative super-enhancer inactivation caused by heterozygous loss of CREBBP and KMT2D skews B cell fate decisions and yields T cell-depleted lymphomas. bioRxiv : the preprint server for biology.

Socodato R, et al. (2023) Microglial Rac1 is essential for experience-dependent brain plasticity and cognitive performance. Cell reports, 42(12), 113447.

Watanabe Y, et al. (2023) Development of CAR-T cells specifically targeting cancer stem cell antigen DNAJB8 against solid tumours. British journal of cancer, 128(5), 886.

Harpur CM, et al. (2023) Naturally derived cytokine peptides limit virus replication and severe disease during influenza A virus infection. Clinical & translational immunology, 12(3), e1443.

Hoang TA, et al. (2023) Development and application of a novel cervical lymph collection method to assess lymphatic transport in rats. Frontiers in pharmacology, 14, 1111617.

Congy-Jolivet N, et al. (2022) Monocytes are the main source of STING-mediated IFN-? production. EBioMedicine, 80, 104047.

Bhatia V, et al. (2022) Extraoral expression and characterization of bitter taste receptors in Astyanax mexicanus (Mexican tetra fish). FASEB bioAdvances, 4(9), 574.