

Resource Summary Report

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CellMarker

RRID:SCR_018503

Type: Tool

Proper Citation

CellMarker (RRID:SCR_018503)

Resource Information

URL: <http://biocc.hrbmu.edu.cn/CellMarker/>

Proper Citation: CellMarker (RRID:SCR_018503)

Description: Database provides cell markers for various cell types in tissues of human and mouse. Manually curated resource of cell markers in human and mouse. Provides user-friendly interface for browsing, searching and downloading markers of diverse cell types of different tissues. Summarized marker prevalence in each cell type is graphically presented., THIS RESOURCE IS NO LONGER IN SERVICE. Documented on September 16,2025.

Resource Type: data or information resource, database, service resource

Defining Citation: [PMID:30289549](#)

Keywords: Cell marker, cell type, tissue, graphical presentation, searching data, downloading data, marker, FASEB list

Funding: National High Technology Research and Development Program of China ;
National Natural Science Foundation of China ;
China Postdoctoral Science Foundation

Availability: THIS RESOURCE IS NO LONGER IN SERVICE

Resource Name: CellMarker

Resource ID: SCR_018503

Record Creation Time: 20220129T080340+0000

Record Last Update: 20260801T191027+0000

Ratings and Alerts

No rating or validation information has been found for CellMarker.

No alerts have been found for CellMarker.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 485 mentions in open access literature.

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

Yu N, et al. (2026) Changes in border-associated macrophages after stroke: Single-cell sequencing analysis. *Neural regeneration research*, 21(1), 346.

Ali M, et al. (2025) Temporal transcriptomic changes in the THY-Tau22 mouse model of tauopathy display cell type- and sex-specific differences. *Acta neuropathologica communications*, 13(1), 93.

Huang J, et al. (2025) MICA+ Tumor Cells Modulate Macrophage Phenotype and Function via PPAR/EHHADH-Mediated Fatty Acid Metabolism in Hepatocellular Carcinoma (HCC). *Cancers*, 17(14).

Le Bars S, et al. (2025) Single-Cell Cortical Transcriptomics Reveals Common and Distinct Changes in Cell-Cell Communication in Alzheimer's and Parkinson's Disease. *Molecular neurobiology*, 62(3), 2655.

Li Y, et al. (2025) Decoding Cellular Landscapes: Unravelling Periodontitis and Periapical Periodontitis at the Single-Cell Frontier. *International dental journal*, 75(4), 100851.

Zhang X, et al. (2025) Integrated multi-omics analysis reveals the immunotherapeutic significance of tumor cells with high FN1 expression in ovarian cancer. *Frontiers in molecular biosciences*, 12, 1611964.

Qi Y, et al. (2025) Transcriptome combined single-cell sequencing explores molecular mechanisms of ANGPTL4 in sepsis-induced acute lung injury. *PLoS one*, 20(7), e0328551.

Li Z, et al. (2025) Comprehensive analysis of phosphatidylinositol-3-OH kinase-like 3 as a diagnostic, prognostic and immunological marker in pan-cancer. *Frontiers in immunology*, 16, 1604179.

Xiao Y, et al. (2025) Unlocking the secret of glioblastoma multiforme: the role of lactylation in tumor progression, drug resistance and immune microenvironment. *Cancer cell international*, 25(1), 299.

Wu R, et al. (2025) Murine hematopoietic progenitor cell lines with erythroid and megakaryocyte potential. *Nature communications*, 16(1), 7283.

Yang J, et al. (2025) MED8 is related to tumor immunity and has predictive value in the prognosis and treatment of glioma. *Discover oncology*, 16(1), 1423.

Chen L, et al. (2025) Tumor-colonizing *Lachnoclostridium*-mediated chemokine expression enhances the immune infiltration of bladder urothelial carcinoma. *Cancer immunology, immunotherapy : CII*, 74(2), 62.

Tang S, et al. (2025) A comparative genomic study across 396 liver biopsies provides deep insight into FGF21 mode of action as a therapeutic agent in metabolic dysfunction-associated steatotic liver disease. *Clinical and translational medicine*, 15(2), e70218.

Gao C, et al. (2025) Regulation of reactive oxygen species and the role of mitochondrial apoptotic-related genes in rheumatoid arthritis. *Scientific reports*, 15(1), 2165.

Tracey LJ, et al. (2025) Functional and molecular single-cell analyses implicate PRDM14 in the initiation of B cell leukemia in mice. *Scientific reports*, 15(1), 8827.

Tang Q, et al. (2025) Comprehensive Analyses of Single-Cell and Bulk RNA Sequencing Data From M2 Macrophages to Elucidate the Immune Prognostic Signature in Patients with Gastric Cancer Peritoneal Metastasis. *ImmunoTargets and therapy*, 14, 383.

Guo J, et al. (2025) Putative function and prognostic molecular marker of mast cells in colorectal cancer. *BMC medical genomics*, 18(1), 65.

Cui J, et al. (2025) Single-cell sequencing reveals cell heterogeneity and aberrantly activated pathways associated with microvascular invasion in hepatocellular carcinoma. *Frontiers in cell and developmental biology*, 13, 1449624.

Wang Y, et al. (2025) PRC1 as an independent adverse prognostic factor in Wilms tumor via integrated bioinformatics and experimental validation. *Scientific reports*, 15(1), 13282.

Wang X, et al. (2025) The alteration of IL-17 signaling pathway in bipolar disorder: a preliminary study with transcriptomic perspective. *Frontiers in psychiatry*, 16, 1539038.