Resource Summary Report

Generated by NIF on Aug 8, 2026

MHCC97-L

RRID:CVCL_4973
Type: Cell Line

Proper Citation

RRID:CVCL_4973

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_4973

Proper Citation: RRID:CVCL_4973

Description: Cell line MHCC97-L is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Adult hepatocellular carcinoma

Defining Citation: PMID:11819844, PMID:15048980, PMID:15146329, PMID:23505090, PMID:32884988

Comments: Karyotypic information: Has lost chromosome Y., Characteristics: Low metastatic potential (PubMed=11819844)., Population: Chinese.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: MHCC97-L

Synonyms: MHCC 97-L, MHCC97L, MHCC 97-Low metastatic

Cross References: BTO:BTO_0004170, Cosmic:2773183, GEO:GSM501783, GEO:GSM936772, GEO:GSM1374676, Wikidata:Q54905534

ID: CVCL_4973

Hierarchy: cvcl_4971

Record Creation Time: 20220427T220806+0000

Record Last Update: 20260809T001649+0000

Ratings and Alerts

No rating or validation information has been found for MHCC97-L.

No alerts have been found for MHCC97-L.

Data and Source Information

Source: Cellosaurus

Usage and Citation Metrics

We found 189 mentions in open access literature.

Listed below are recent publications. The full list is available at NIF .

Qiu W, et al. (2026) An SLCO2B1 mRNA Isoform Acts as a Noncoding RNA to Drive Cancer Progression by Triggering Protein Biosynthesis. Cancer research, 86(13), 3142.

Yeung CLS, et al. (2026) Protocol for the isolation and characterization of extracellular vesicles and particles from human and murine cell lines. STAR protocols, 7(2), 104505.

Wei S, et al. (2025) EHF promotes liver cancer progression by meditating IL-6 secretion through transcription regulation of KDM2B in TAMs. Cellular signalling, 129, 111670.

Yeung CLS, et al. (2025) Identification of molecular markers and exploration of the oncogenic role of exomeres in hepatocellular carcinoma. Cell reports, 44(11), 116460.

Li H, et al. (2025) CRISPR screening reveals that RNA helicase DDX41 triggers ribosome biogenesis and cancer progression through R-loop-mediated RPL/RPS transcription. Nature communications, 16(1), 7409.

Turnham RE, et al. (2025) HBV Remodels PP2A Complexes to Rewire Kinase Signaling in Hepatocellular Carcinoma. Cancer research, 85(4), 660.

Wei S, et al. (2025) EGR2 promotes liver cancer metastasis by enhancing IL-8 expression through transcription regulation of PDK4 in M2 macrophages. International immunopharmacology, 153, 114484.

Xu H, et al. (2025) Investigation on the Inhibitory Mechanism of Chai Hu Hua Ji Tang on Liver Cancer Based on a Network Pharmacology Analysis. Cancer biotherapy & radiopharmaceuticals, 40(9), 622.

Wang Y, et al. (2024) ?-Catenin Activation Reprograms Ammonia Metabolism to Promote Senescence Resistance in Hepatocellular Carcinoma. Cancer research, 84(10), 1643.

Ning J, et al. (2024) Macrophage-coated tumor cluster aggravates hepatoma invasion and immunotherapy resistance via generating local immune deprivation. Cell reports. Medicine, 5(5), 101505.

Chen Z, et al. (2024) SIGLEC15, negatively correlated with PD-L1 in HCC, could induce CD8+ T cell apoptosis to promote immune evasion. Oncoimmunology, 13(1), 2376264.

Shao X, et al. (2024) LINC00869 Promotes Hepatocellular Carcinoma Metastasis via Protrusion Formation. Molecular cancer research : MCR, 22(3), 282.

Wong TLM, et al. (2023) Protein Tyrosine Kinase 7 (PTK7) Promotes Metastasis in Hepatocellular Carcinoma via SOX9 Regulation and TGF-? Signaling. Cellular and molecular gastroenterology and hepatology, 15(1), 13.

Cao J, et al. (2023) TATA-box-binding protein promotes hepatocellular carcinoma metastasis through epithelial-mesenchymal transition. Hepatology communications, 7(7).

Gao S, et al. (2023) An autophagy-inducing stapled peptide promotes c-MET degradation and overrides adaptive resistance to sorafenib in c-MET+ hepatocellular carcinoma. Biochemistry and biophysics reports, 33, 101412.

Li F, et al. (2023) Discovery and Characteristics of a Novel Antitumor Cyclopeptide Derived from Shark. Bioengineering (Basel, Switzerland), 10(6).

Wang C, et al. (2023) CD58 acts as a tumor promotor in hepatocellular carcinoma via activating the AKT/GSK-3?/?-catenin pathway. Journal of translational medicine, 21(1), 539.

Peng H, et al. (2022) RAB6B is a potential prognostic marker and correlated with the remolding of tumor immune microenvironment in hepatocellular carcinoma. Frontiers in pharmacology, 13, 989655.

Zhan Y, et al. (2022) NUPR1 contributes to radiation resistance by maintaining ROS homeostasis via AhR/CYP signal axis in hepatocellular carcinoma. BMC medicine, 20(1), 365.

Zhao Z, et al. (2022) ABCC6 Knockdown Fuels Cell Proliferation by Regulating PPAR? in Hepatocellular Carcinoma. Frontiers in oncology, 12, 840287.