

Resource Summary Report

Generated by [RRID](#) on Sep 9, 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: 20260905T181142+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 [RRID](#) .

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.

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.

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

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) β -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- β 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 β /catenin pathway. *Journal of translational medicine*, 21(1), 539.

Zhang MS, et al. (2022) Hypoxia-induced macropinocytosis represents a metabolic route for liver cancer. *Nature communications*, 13(1), 954.

Yuen CTL, et al. (2022) High-fidelity KKH variant of *Staphylococcus aureus* Cas9 nucleases with improved base mismatch discrimination. *Nucleic acids research*, 50(3), 1650.

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