

Resource Summary Report

Generated by [RRID](#) on Aug 30, 2026

[KKU-M055](#)

RRID:CVCL_M258

Type: Cell Line

Proper Citation

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Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_M258

Proper Citation: RRID:CVCL_M258

Description: Cell line KKU-M055 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Intrahepatic cholangiocarcinoma

Defining Citation: [PMID:15884115](#), [PMID:18714155](#), [PMID:21871105](#), [PMID:22926522](#), [PMID:31077409](#), [PMID:35640676](#), [PMID:39026794](#)

Comments: Population: Southeast Asian; Thai., Part of: Cancer Dependency Map project (DepMap) (includes Cancer Cell Line Encyclopedia - CCLE)., Part of: Biliary tract cancer cell line atlas.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: KKU-M055

Synonyms: KKUM055, M055, KKU-055, KKU055, Khon Kaen University-M055

Cross References: DepMap:ACH-001537, JCRB:JCRB1551, Wikidata:Q54900004

ID: CVCL_M258

Record Creation Time: 20220427T220703+0000

Record Last Update: 20260829T234416+0000

Ratings and Alerts

No rating or validation information has been found for KKU-M055.

No alerts have been found for KKU-M055.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

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

Nishikubo K, et al. (2025) Sustained reductions in valine and isoleucine mediate anti-cancer pharmacological effects of inhibiting amino acid transporter LAT1 in cancer cells. *Cancer & metabolism*, 13(1), 46.

Saisomboon S, et al. (2024) Augmented Global Protein Acetylation Diminishes Cell Growth and Migration of Cholangiocarcinoma Cells. *International journal of molecular sciences*, 25(18).

Bekric D, et al. (2024) The efficacy of ferroptosis-inducing compounds IKE and RSL3 correlates with the expression of ferroptotic pathway regulators CD71 and SLC7A11 in biliary tract cancer cells. *PloS one*, 19(4), e0302050.

Moolmuang B, et al. (2024) PLK1 inhibition leads to mitotic arrest and triggers apoptosis in cholangiocarcinoma cells. *Oncology letters*, 28(1), 316.

Myint KZ, et al. (2024) Therapeutic Implications of Ceritinib in Cholangiocarcinoma beyond ALK Expression and Mutation. *Pharmaceuticals (Basel, Switzerland)*, 17(2).

Mayr C, et al. (2023) Ouabain at nanomolar concentrations is cytotoxic for biliary tract cancer cells. *PloS one*, 18(6), e0287769.

Jamnongsong S, et al. (2022) Comprehensive drug response profiling and pan-omic analysis identified therapeutic candidates and prognostic biomarkers for Asian cholangiocarcinoma. *iScience*, 25(10), 105182.