

Resource Summary Report

Generated by [RRID](#) on Sep 1, 2026

[NPC/HK1](#)

RRID:CVCL_7084

Type: Cell Line

Proper Citation

Ubigen Cat# YC-C095, RRID:CVCL_7084

Cell Line Information

URL: https://web.expasy.org/cellosaurus/CVCL_7084

Proper Citation: Ubigen Cat# YC-C095, RRID:CVCL_7084

Description: Cell line NPC/HK1 is a Cancer cell line with a species of origin Homo sapiens (Human)

Sex: Male

Disease: Nasopharyngeal carcinoma

Defining Citation: [PMID:6259064](#), [PMID:12645650](#), [PMID:18196576](#), [PMID:39905741](#)

Comments: Karyotypic information: Near triploid (PubMed=39905741)., Virology: EBV-negative., Population: Chinese.

Category: Cancer cell line

Organism: Homo sapiens (Human)

Name: NPC/HK1

Synonyms: HK1, HK-1

Cross References: BTO:BTO_0004899, EFO:EFO_0022551, Cell_Model_Passport:SIDM01997, Cosmic:755503, Cosmic:923772, Cosmic:1017618, Cosmic:1300997, Ubigen:YC-C095, Wikidata:Q54930981

ID: CVCL_7084

Vendor: Ubigen

Catalog Number: YC-C095

Record Creation Time: 20250130T072539+0000

Record Last Update: 20260830T001654+0000

Ratings and Alerts

No rating or validation information has been found for NPC/HK1.

No alerts have been found for NPC/HK1.

Data and Source Information

Source: [CelloSaurus](#)

Usage and Citation Metrics

We found 14 mentions in open access literature.

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

Ding C, et al. (2026) MYO1G Facilitates Caveolin 1-Mediated Endocytosis of the N-Terminal Fragments of Gasdermin E to Restrain Pyroptosis and Chemotherapy Efficacy. Cancer research, 86(15), 3741.

Dong L, et al. (2026) Single-cell sequencing reveals an immunotherapy-relevant IFITM1-marked epithelial interferon state in nasopharyngeal carcinoma. Translational oncology, 71, 102921.

Li Y, et al. (2026) HNRNPD Induces Radioresistance in Nasopharyngeal Carcinoma by Sequestering GRAMD4 mRNA in Stress Granules. Advanced science (Weinheim, Baden-Wurttemberg, Germany), 13(43), e21038.

Zeng T, et al. (2025) ANXA1 binds and stabilizes EGFR to promote nasopharyngeal carcinoma radioresistance. Molecular cancer therapeutics.

Chung DL, et al. (2025) AI-Driven Drug Target Screening Platform Identified Oncogene CACNA2D1 Activated by Enhancer Infestation in Epstein-Barr Virus-Associated Nasopharyngeal Carcinoma. International journal of molecular sciences, 26(10).

Chen Q, et al. (2025) A moonlighting function of tumoral interleukin-1 γ precursor promotes metastasis via RACK1-mediated actin remodeling. Nature communications, 16(1), 10148.

Kitagawa Y, et al. (2024) Phosphoribosyl pyrophosphate amidotransferase: Novel biomarker and therapeutic target for nasopharyngeal carcinoma. Cancer science, 115(11), 3587.

Dochi H, et al. (2024) Peritumoral SPARC expression induced by exosomes from nasopharyngeal carcinoma infected Epstein-Barr virus: A poor prognostic marker. International journal of cancer, 154(5), 895.

Mizokami H, et al. (2024) Enhancer infestation drives tumorigenic activation of inactive B compartment in Epstein-Barr virus-positive nasopharyngeal carcinoma. *EBioMedicine*, 102, 105057.

Zheng S, et al. (2023) MTSS1 is downregulated in nasopharyngeal carcinoma (NPC) which disrupts adherens junctions leading to enhanced cell migration and invasion. *Frontiers in cell and developmental biology*, 11, 1275668.

He SW, et al. (2023) LINC00173 facilitates tumor progression by stimulating RAB1B-mediated PA2G4 and SDF4 secretion in nasopharyngeal carcinoma. *Molecular oncology*, 17(3), 518.

Deng Y, et al. (2023) STIM1-regulated exosomal EBV-LMP1 empowers endothelial cells with an aggressive phenotype by activating the Akt/ERK pathway in nasopharyngeal carcinoma. *Cellular oncology (Dordrecht)*, 46(4), 987.

Parashar P, et al. (2022) DMA, a Small Molecule, Increases Median Survival and Reduces Radiation-Induced Xerostomia via the Activation of the ERK1/2 Pathway in Oral Squamous Cell Carcinoma. *Cancers*, 14(19).

Ka-Yue Chow L, et al. (2022) Epigenomic landscape study reveals molecular subtypes and EBV-associated regulatory epigenome reprogramming in nasopharyngeal carcinoma. *EBioMedicine*, 86, 104357.