

NPC/HK1 | 305531

General information

Description	NPC/HK1 (NPC HK-1 HK1) is a cell line derived from a patient with nasopharyngeal carcinoma (NPC). It is a highly tumorigenic cell line that is sensitive to EBV. NPC/HK1 is a cell line derived from a patient with nasopharyngeal carcinoma (NPC). It is a highly tumorigenic cell line that is sensitive to EBV. NPC/HK1 is a cell line derived from a patient with nasopharyngeal carcinoma (NPC). It is a highly tumorigenic cell line that is sensitive to EBV.
Organism	Human
Tissue	Nasopharynx, Epithelial cells
Disease	Nasopharyngeal carcinoma
Applications	Cell line for studying nasopharyngeal carcinoma; Cell line for studying EBV; Cell line for studying EMT; Cell line for studying EGFR; Cell line for studying cell growth and proliferation
Synonyms	HK1, HK-1

Cell characteristics

Age	58 years
Gender	Male
Ethnicity	Chinese
Morphology	Epithelial cells
Cell type	Epithelial cells
Growth properties	Highly tumorigenic

Additional information

Citation	NPC/HK1 (NPC HK-1 HK1) Cytion 305531
Biosafety level	1
NCBI_TaxID	9606

CellosaurusAccession CVCL_7084

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Culture Medium	RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO ₃ (Gibco β -mercaptoethanol β -Cytion 820700a)
Supplements	β -mercaptoethanol 10% FBS
Dissociation Reagent	β -mercaptoethanol
Doubling time	28 $\pm$ 2 days
Subculturing	Use β -mercaptoethanol β -mercaptoethanol β -mercaptoethanol, β -mercaptoethanol β -PBS β -mercaptoethanol β -mercaptoethanol, β -mercaptoethanol β -Accutase, β -mercaptoethanol β -mercaptoethanol β -mercaptoethanol 8–10
Split ratio	1 : 5
Seeding density	1 : 3 $\times 10^4$ cells/cm ²
Fluid renewal	2–3 days
Freeze medium	β -mercaptoethanol β -mercaptoethanol, β -mercaptoethanol β -mercaptoethanol β -mercaptoethanol + 10% DMSO β -mercaptoethanol β -mercaptoethanol β -mercaptoethanol β -mercaptoethanol

Thawing and Culturing Cells

- [illegible]

37°C, 5% CO₂,

[illegible]

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