

Product sheet

RCC-HB | 300253

General Information

Description	Cell line derived from a patient with renal cell carcinoma (RCC) pT3a, Mo, No/ GI-II, age 63, 1999, HLA-A2, PAS, VHL-gen
Organism	Human
Tissue	Renal cell carcinoma
Disease	Renal cell carcinoma (RCC), pT3a, Mo, No, GI-II
Synonyms	KTCTL-48, KTCTL48, RCCHB

Characteristics

Age	63 years
Gender	Male
Ethnicity	White
Morphology	Epithelial cells
Growth properties	Adherent, requires growth factors

Documentation

Citation	RCC-HB (Cytion 300253)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_5877

Antigenic Properties

Surface antigens	CD8, CD18, CD19, CD44
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Thawing and Culturing Cells

1. Thaw the vial quickly in a 37°C water bath. Do not vortex. Transfer the cells to a pre-warmed medium.
2. Centrifuge at 300 x g for 3 minutes. Resuspend in 150 µl of pre-warmed medium.
3. Seed cells into a 96-well plate (15 µl per well) or a 24-well plate (8 µl per well).
4. Incubate at 37°C with 5% CO₂ for 24 hours.
5. Harvest cells for PCR analysis.
6. Wash cells with PBS.
7. Lyse cells in lysis buffer.
8. Purify DNA using a spin column.

Incubation Atmosphere

37°C, 5% CO₂, humidified

Flask Coating

Coated with poly-L-lysine

Freezing Procedure

Resuspend cells in freezing medium and store at -80°C

Shipping Conditions

Store at -80°C

Storage Conditions

Store at -150 °C for 196 weeks

HLA

Sterility

PCR ready

Freezing medium

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██████HLA

A*: '31:01:02, '66:01:01

B*: '35:03:01, '41:02:01

C*: 12:03:01, 17:03:01

DRB1*: '01:01:01, '13:03:01

DQA1*: '01:01:01, '05:05:01

DQB1*: '03:01:01, '05:01:01

DPB1*: '06:01:01, '104:01:01

E: 01:03:02