

Product sheet

RCC-HB | 300253

General Information

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

Characteristics

<b>Age</b>	63 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial
<b>Growth properties</b>	Adherent, 3D, 2D

Documentation

<b>Citation</b>	RCC-HB (Cytion 300253)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_5877

Surface Markers

<b>Surface antigens</b>	CD8, CD18, CD19, CD44
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Thawing and Culturing Cells

1. Thaw the vial rapidly in a water bath at 37°C. Do not allow the cells to reach room temperature. Transfer the cells to a pre-warmed medium.
2. Seed the cells into a pre-warmed flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
3. Once the cells have reached confluence, they can be used for experiments or passaged. Passaging should be performed using a 1:3 split ratio.
4. For passaging, add 1 mL of trypsin to the flask and incubate at 37°C for 5 minutes. Add 9 mL of medium to stop the reaction.
5. Harvest the cells by centrifugation at 300 x g for 5 minutes. Wash the cells with PBS and resuspend in 1 mL of medium.
6. Seed the cells into a new flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.
7. Once the cells have reached confluence, they can be used for experiments or passaged. Passaging should be performed using a 1:3 split ratio.
8. For long-term storage, seed the cells into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.

**Incubation Atmosphere** 37°C, 5% CO<sub>2</sub>, humidified

**Flask Coating** No

**Freezing Procedure** Seed cells into a flask containing 15 mL of medium. Incubate at 37°C with 5% CO<sub>2</sub>.

**Shipping Conditions** Store at -78°C.

**Storage Conditions** Store at -150°C for 196 days.

HLA

**Sterility** The cells are free of mycoplasmas and PCR detectable. The cells are free of endotoxins.

**XXXXRCC-HB | 300253**

**XXXXXXXX STR**

**Amelogenin:** x,y  
**CSF1PO:** 12  
**D13S317:** 12,13  
**D16S539:** 12  
**D5S818:** 10  
**D7S820:** 8,12  
**TH01:** 9 XXXXX  
**TPOX:** 11,12  
**vWA:** 14,17  
**D3S1358:** 18  
**D21S11:** 28,3  
**D18S51:** 14,16  
**Penta E:** 16  
**Penta D:** 11,13  
**D8S1179:** 13  
**FGA:** 18,24

**XXXXXX 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