

Product sheet

**RCC-FG2 | 300249**

**General information**

<b>Description</b>	77, pT2a, Nx, M1/ GII. HLA-A2, PAS, G250
<b>Organism</b>	
<b>Tissue</b>	
<b>Disease</b>	pT2a, Nx, M1/GII
<b>Synonyms</b>	KTCTL-26A, KTCTL-26a, KTCTL26A, RCCFG2

**Cell characteristics**

<b>Age</b>	77
<b>Gender</b>	
<b>Ethnicity</b>	
<b>Morphology</b>	
<b>Growth properties</b>	

**Identification**

<b>Citation</b>	RCC-FG2 (Cytion 300249)
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_5873

**Surface markers**

<b>Surface antigens</b>	8,18,19
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Thawing and Culturing Cells

1. Thaw the vial rapidly 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 medium. Seed into a 96-well plate.
3. Incubate at 37°C in 5% CO<sub>2</sub> for 24 hours. Media should be replaced after 24 hours.
4. Harvest cells at 70% confluency.
5. Seed cells into a 15 µm x 8 µm well plate.
6. Seed 300 x g for 3 minutes. Resuspend in 300 µl of medium.
7. Seed into a 10 µm x 10 µm well plate. Incubate at 37°C in 5% CO<sub>2</sub> for 24 hours.
8. Harvest cells at 70% confluency.

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

**Flask Coating** No

**Freezing Procedure** Freeze cells in 100 µl of freezing medium in a 1.5 ml microcentrifuge tube. Store at -80°C.

**Shipping Conditions** Store at -80°C.

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

HLA

**Sterility** Sterility testing: PCR. Sterility testing: PCR. Sterility testing: PCR.

**XXXXRCC-FG2 | 300249**

**XXXXXXXX STR**

**Amelogenin:** x,y  
**CSF1PO:** 11  
**D13S317:** 11,12  
**D16S539:** 11,13  
**D5S818:** 10,12  
**D7S820:** 11,12  
**TH01:** 9  
**TPOX:** 8,11  
**vWA:** 18,19  
**D3S1358:** 16  
**D21S11:** 29,3  
**D18S51:** 15,17  
**Penta E:** 12,18  
**Penta D:** 9,13  
**D8S1179:** 12:15  
**FGA:** 19,23

**XXXXXX HLA**

**A\*:** '03:01:01, '32:01:01  
**B\*:** '27:05:02, '35:01:01  
**C\*:** '02:02:02, '04:01:01  
**DRB1\*:** '01:01:01, '15:01:01G  
**DQA1\*:** '01:01:01, '01:02:01  
**DQB1\*:** '05:01:01, '06:02:01  
**DPB1\*:** 04:01:01  
**E:** '01:01:01, '01:06:01