

RCC-FG2 | 300249

**Description** 77 pT2a Nx M1/ GII HLA-A2 PAS G250

**Organism**

**Tissue**

**Disease** pT2a Nx M1/GII

**Synonyms** KTCTL-26A KTCTL-26a KTCTL26A RCCFG2

**Age** 77

**Gender**

**Ethnicity**

**Morphology**

**Growth properties**

**Citation** RCC-FG2 Cytion 300249

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_5873

**Surface antigens** 8 18 19

RCC-FG2 | 300249

<b>Receptors expressed</b>	CAI <sub>x</sub> +/- FACS	MAB2188
<b>Protein expression</b>	IL8	
<b>Tumorigenic</b>		
<b>Ploidy status</b>		
<b>MSI-status</b>	MSI	
<b>Mutational profile</b>	IL8 rs1126647 3-utr snp a>t	
<b>Karyotype</b>	47 x -Y del(2)(p21) del(3)(p14) t(3,13)(p23,q32) +5 +7 der(9)t(5,9)(:q15->q33::p22) +16 -21 -22 (Högemann, 1994)	
<b>Culture Medium</b>	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO <sub>3</sub> Cytion 820700a
<b>Supplements</b>	10% FBS	
<b>Dissociation Reagent</b>	Accutase	
<b>Doubling time</b>	24 48	
<b>Subculturing</b>	PBS T25 3-5	PBS T75 5-10 Accutase T25 1-2 T75 2.5
<b>Split ratio</b>	1:2 1:3	
<b>Seeding density</b>	2 × 10 <sup>4</sup> /	
<b>Fluid renewal</b>	1 2	
<b>Freeze medium</b>	FBS +10% DMSO CM-1 Cytion 800100	CM-1 Cytion 800100

RCC-FG2 | 300249

**Thawing and  
Culturing Cells**

1.				
2.		-150°C		3
3.		37°C	40-60	
4.		70%		
5.		8	15	
6.	300 x g	3		
7.	10		T25	T25
8.				

**Incubation  
Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

**Freezing  
Procedure**

-78 °C

**Shipping  
Conditions**

-78 °C

**Storage  
Conditions**

-150 -196 -80 °C

/ /HLA

**Sterility**

PCR

RCC-FG2 | 300249

---

**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

**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