

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( 300249)

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_5873

**Surface antigens** 8,18,19,

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<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: 2.0mM	, w: 2.0g/L NaHCO <sub>3</sub> ( 820700a)
<b>Supplements</b>	10% FBS	
<b>Dissociation Reagent</b>		
<b>Doubling time</b>	24~48	
<b>Subculturing</b>	PBS	. T25 3~5ml, T75 5~10ml PBS . T25
<b>Split ratio</b>	1:2 ~ 1:3	
<b>Seeding density</b>	2 x 10 <sup>4</sup> /cm <sup>2</sup>	
<b>Fluid renewal</b>	1~2	
<b>Freeze medium</b>	(FBS ) + 10% DMSO	, CM-1(Cytion 800100)

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**Thawing and Culturing Cells**

1. .
2. -150°C , 3 .
3. 37°C 40~60 .
4. , 70% .
5. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . 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°C -196°C .80°C .

/ / HLA

**Sterility**

PCR .

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**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