

Wilms1 | 300411

Description	Wilms1	WT1	(c.149 C-
	Wilms1		
	Wilms1	Wilms1 EGFR PDGFRβ	

Organism
Tissue

Applications	
Synonyms	Wilms1-2l

Age	2
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Gender
Ethnicity

Morphology
Cell type

Growth properties

Citation	Wilms1(300411)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_A5SC
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Receptors expressed EGFR, EphA7, PDGFRalpha, FGFR1, PDGFRbeta, AxL

Tumorigenic , . (, E. Kunce Stroup 2017)

Viruses HIV-1: , HBV: , HCV:

Mutational profile WT1 : c. 149 C>A, p.S50x, LOH: 11p11-11pter, CTNNB1 : TCT>TTT, p.S45F

Karyotype 46,

Culture Medium MSCGM (Lonza)

Dissociation Reagent

Doubling time 24

Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Seeding density $1 \times 10^4 / \text{cm}^2$

Fluid renewal 1~2

Post-Thaw Recovery

Freeze medium (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% CO₂

Flask Coating	
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Freezing Procedure -78°C .

Shipping Conditions	
	-78°C .

Storage Conditions -150°C -196°C .80°C

/ / HLA

Sterility	
	PCR .
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HLA

- A***: '03:01:01, '24:02:01
- B***: '35:03:01, '38:01:01
- C***: '12:03:01
- DRB1***: '07:01:01, '14:54:01
- DQA1***: '01:04:01, '02:01:01
- DQB1***: '02:02:01, '05:03:01
- DPB1***: '02:01:02g, '04:02:01g
- E**: '01:03:01, '01:03:02