1 | 300411

Description	Wilms1 WT1 c.149 C>A, p.S50X Wilms1 vimentin cytokeratin Wilms1 Wilms1 EGFR PDGFRβ MAPK
Organism	
Tissue	
Applications	
Synonyms	Wilms1-2l

Age	2
Gender	
Ethnicity	
Morphology	
Cell type	
Growth properties	

Citation	Wilms1 Cytion 300411
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_A5SC

Receptors expressed	EGFR EphA7 PDGFRα FGFR1 PDGFRβ 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	Accutase
Doubling time	24
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1–2 T75
Seeding density	$1 \times 10^4 /cm^2$
Fluid renewal	1 2
Post-Thaw Recovery	
Freeze medium	FBS + 10% DMSO CM-1 Cytion 800100

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_2
Shipping Conditions	−78 °C
Storage Conditions	−150 −196 °C −80 °C
Sterility	PCR