

SUP-T1 | 305642

Description

SUP-T1 T- (T-LBL) . MYC T / (TCR α / δ)
SUP-T1 CDKN2A . CDKN2A
(NGS) SUP-T1 . RNA-Seq

Organism

Tissue

Disease

; T

Synonyms

Sup-T1, SUPT-1, SupT-1, Sup T-1, SUP T-1, SUP T1, Sup T1, SupT1, SUPT1, Tsup-1, VB, T 1

Age

8

Gender

Ethnicity

Morphology

Cell type

T

Growth properties

Citation

SUP-T1 (Cytion 305642)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_1714

Product sheet

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Protein expression	()		
Antigen expression	Leu-6 (CD1a) ; Leu-4 (CD3) ; Leu-3 (CD4) ; Leu-1 (CD5) ; Leu-9 (CD7) ; Leu-2a (CD8) ; OKT-10 (CD38)		
Mutational profile	: EGFR, , p.Cys251Tyr (c.752G>A), ; : KIT, , p.Arg177His (c.530G>A), ; : MET, , p.Arg191Trp (c.5 p.Glu545Asp (c.1635G>T), ; : PIK3CA, , p.Glu970Lys (c.2908G>A), ; : PTCH1, , p.Arg682Cys (c.2044C>T), p.Arg25Trp (c.73C>T), ; : TP53, , p.Arg267Leu (c.800G>T),		
Karyotype	92, XXYY, -2, -2, -9, -9, : 2inv(2*) (p21q11), +2inv(2*), del(2*)(Q21), 2del(4)(q31q35), 2del(5)(p13p14), 2del(6)(q23q27), 2inv(14)(q11q32), t(7;9)(q34;q34), der(9)t(7;9)		
Culture Medium	RPMI 1640, w: 2.0mM	, w: 2.0g/L NaHCO3(	820700a)
Supplements	10% FBS		
Doubling time	28		
Seeding density	2~5 × 10 ⁵ /mL		
Fluid renewal	2~3		
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 ,

Shipping
Conditions

-78°C .

Storage
Conditions

-150°C -196°C . 80°C .

Sterility

PCR .
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