

Product sheet

SUP-T1 | 305642

Description	SUP-T1	T	T	T-LBL	t(8;14)(q24;q11)	MYC
	SUP-T1		CDKN2A		CDKN2A	
	NGS		SUP-T1		RNA-Seq	SUP-T1

Organism

Tissue	
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Disease	T
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Synonyms	Sup-T1	SUPT-1	SupT-1	Sup T-1	SUP T-1	SUP T1	Sup T1	SupT1	SUPT1	Tsup-1	VB	T	1
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Age	8
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Gender

Ethnicity	
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Morphology

Cell type	T
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Growth properties

Citation	SUP-T1	Cytion	305642
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_1714
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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 (c.1635G>T) (c.73C>T) p.Cys251Tyr (c.752G>A) PIK3CA TP53 p.Arg267Leu (c.800G>T) KIT p.Glu970Lys (c.2908G>A) p.Arg177His (c.530G>A) PTCH1 MET p.Arg682Cys (c.2044C>T) p.Arg191Trp (c.571G>T) SPRY4

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 MediumRPMI 1640 w 2.0 mM w 2.0 g/L NaHCO₃ Cytion 820700a**Supplements**

10% FBS

Doubling time

28

Seeding density2-5 × 10⁵ /**Fluid renewal**

2 3

Freeze medium

FBS +10% DMSO CM-1 Cytion 800100 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% CO₂,

Shipping Conditions

-78 °C

Storage Conditions

-150 -196 -80 °C

Sterility

PCR