

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	- EBV

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

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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 KIT p.Glu970Lys (c.2908G>A) p.Arg267Leu (c.800G>T) p.Arg177His (c.530G>A) PTCH1 MET p.Arg682Cys (c.2044C>T) p.Arg191Trp (c.571C>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
Medium**RPMI 1640 2.0 mM 2.0 g/L NaHCO₃ Cytion 820700a**Supplements**

10% FBS

Doubling time

28

**Seeding
density**2–5 × 10⁵**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. | | | 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 °C -80 °C

Sterility

PCR