

SU-DHL-1 | 305876

Description	SU-DHL-1			ALCL
	SU-DHL-1	t(2;5)(p23;q35)	NPM1-ALK	ALK ALCL

ALK+

Organism

Tissue

Disease	ALK
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Synonyms	SU-DHL1, SUDHL1, SUDHL-1, SuDHL-1, SuDHL 1,	-1
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Age	10
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Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation	SU-DHL-1 (Cytion	305876)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0538
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Antigen expression	CD163+ CD8- B	CD45- CD19-, CD20-, CD21-, CD22-	CD10-, CD34- CD11b- CD11c-	CD30+, CD25+, CD70+, CD71+, CD80-, HLA-DR+, CD45- T CD13- CD14- CD15- CD33-
Oncogenes	C-fms	; bcl-6+ c-onc		
Mutational profile	ALK + HGNC PubMed=29899875).	NPM1 TP53	NPM1-ALK (PubMed=7824924, PubMed=9121481, PubMed=25485619, PubMed=26657151, p.Arg273His (c.818G>A)	(Cosmic-CLP=909742)
Culture Medium	RPMI1640 w 2.0mM	w 2.0g/L NaHCO3 Cytion article number 820700a		
Supplements	10% FBS			
Dissociation Reagent	-			
Doubling time	~40 50			
Fluid renewal	2 3			
Freeze medium	FBS 10 DMSO			CM-1

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Thawing and Culturing Cells				
1.				
2.		-150		3
3.		37		40 60
4.	70			
5.		8ml	15ml	
6.	300 x g 3			
7.	10ml		2 T25	
8.				

Incubation Atmosphere 37 5% CO₂

Flask Coating

Shipping Conditions -78

Storage Conditions -150 -196 80

HLA

Sterility PCR