

SU-DHL-1 | 305876

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

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+ CD19-	CD20- CD21- CD22-	CD45- CD22-	CD10- CD11b-	CD34- CD11c-	CD30+ CD13-	CD25+ CD14-	CD70+ CD15-	CD71+ CD33-	CD80- HLA-DR+	CD45- T
Oncogenes	C-fms	bcl-6+	c-onc								
Mutational profile	ALK + HGNC PubMed=29899875)	NPM1 TP53	NPM1-ALK p.Arg273His (c.818G>A)	PubMed=7824924	PubMed=9121481 (Cosmic-CLP=909742)	PubMed=25485619	PubMed=26657151,				
Culture Medium	RPMI 1640	2.0 mM	2.0 g/L NaHCO ₃	Cytion	820700a						
Supplements	10%	FBS									
Dissociation Reagent	-										
Doubling time	40	50									
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
8.				T25

Incubation Atmosphere

37°C 5% CO₂

Shipping Conditions	
	-78 °C

Storage Conditions

-150 -196 °C

-80 °C

Sterility	
	PCR