Product sheet

MOLT-3 | 300116

Description

Description	MOLT-3 T (ALL), CD5 (97%) CD7 (97%), CD1 CD4. (EBV)
Organism	
Tissue	
Disease	(ALL)
Synonyms	Molt-3, MOLT 3, Molt 3, MOLT3, Molt3

Cell line characteristics

Age	19
Gender	
Ethnicity	
Morphology	
Cell type	T
Growth properties	

Publication info

Citation	MOLT-3 (Cytion 300116)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0624

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[redacted]-[redacted]

Antigen expression	CD1(+), CD5(+), CD7(+), CD11a(+) (Greenberg et al. 1988).
Karyotype	[redacted]

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 g/L NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] 10% FBS [redacted]
Doubling time	24 [redacted] 48 [redacted]
Subculturing	[redacted] 5 x 10
Seeding density	0.5 [redacted] 1 x 10 [redacted]
Freeze medium	[redacted] (FBS) + 10% DMSO [redacted] C

Thawing and Culturing Cells

1. [redacted]
2. [redacted] -150°C [redacted]
3. [redacted] 37 [redacted]
4. [redacted] 70% [redacted]
5. [redacted] 15 [redacted] 8 [redacted]
6. [redacted] -300 x g [redacted] 3 [redacted]
7. [redacted] -10 [redacted] T2
8. [redacted]

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Incubation Atmosphere	37°C, 5%$_{CO2}$,
Flask Coating	
Freezing Procedure	-78°C
Shipping Conditions	-78°C
Storage Conditions	-150 196

/ / HLA

Sterility	PCR
HLA	**A***: '01:01:01, '25:01:01 **B***: '18:01:01, '57:01:01 **C***: '06:02:01, '12:03:01 **DRB1***: '07:01:01, '12:01:01 **DQA1***: '02:01:01, '05:05:01 **DQB1***: '02:02:01, '03:01:01 **DPB1***: 02:01:02 **E**: '01:01:01, '01:xx