

MOLT-3 | 300116

Description	MOLT-3	T	19	ALL				J. Minowada	MOLT-4
		MOLT-3	T	CD5 97%	CD7 97%	CD1	CD4		TdT
	MOLT-3			Epstein-Barr	EBV	T		B	

Organism

Tissue	
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Disease ALL

Synonyms	Molt-3, MOLT 3, Molt 3, MOLT3, Molt3
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Age	19
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Gender

Ethnicity	
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Morphology

Cell type	T
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Growth properties

Citation	MOLT-3 Cytion 300116
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_0624

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Antigen expression	CD1 +	CD5 +	CD7 +	CD11a +	1988
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Karyotype

Culture Medium	RPMI 1640 w 2.0 mM	w 2.0 g/L NaHCO ₃	Cytion	820700a
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Supplements 10% FBS

Doubling time	24	48
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Subculturing	⁵ / ⁵ 1×10 ⁶ / 3×10	5×10
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Seeding density	0.5 1×10 ⁵ /
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Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	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.			

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Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ **/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