

MOLT-4 | 300115

Description	MOLT-4	1971		ALL	19	T	MOLT-3	MOLT-4	T
	MOLT-4		24	95			MOLT-4	CD1 CD2 CD3A CD3B CD3C	
	MOLT-4						p53	248 G→A	P53

Organism

Tissue	
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Disease	T
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Synonyms	Molt-4 MOLT 4 Molt 4 MOLT.4 MOLT4 Molt4 GM02219 GM02219C GM2219C GM02219D
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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-4 (Cytion 300115)
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Biosafety level	1
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NCBI_TaxID	9606
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CellosaurusAccession	CVCL_0013
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Protein expression	P53		
Antigen expression	CD1 (49%), CD2 (35%), CD3 A (26%) B (33%) C (34%), CD4 (55%), CD5 (72%), CD6 (22%), CD7 (77%)		
Viruses	Minowada, 1972		
Products	TdT		
Mutational profile	p53	248 G→A	P53 Rodrigues, 1990
Karyotype	4	96 2 X	2 Y
Culture Medium	RPMI1640 w 2.0mM	w 2.0g/L NaHCO3 Cytion article number 820700a	
Supplements	10% FBS		
Subculturing	6 /ml	5×10^5 /ml	3×10^5 1×10
Seeding density	1×10^5 /cm ²		
Fluid renewal	2 3		
Post-Thaw Recovery	24	48	
Freeze medium	FBS 10 DMSO		

CM-1

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**Thawing and
Culturing Cells**

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

Incubation Atmosphere 37 5% CO₂

Flask Coating

Freezing Procedure -78

Shipping Conditions

-78

Storage Conditions -150 -196 80

HLA

Sterility PCR

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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: '01:01:01G