

MOLT-4 | 300115

Description	MOLT-4 1971	(ALL)	19	T	. MOLT-3	, MOLT-4	T
	MOLT-4	24%	95				. MOLT-4 CD1
	MOLT-4	-	.		. P53	248	G -> A

Organism	
Tissue	

Disease	T
Synonyms	-4, 4, 4, .4, 4, 4, GM02219, GM02219C, GM2219C, GM02219D

Age	19
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Gender	
Ethnicity	

Morphology	
Cell type	T

Growth properties	
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Citation	MOLT-4(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	- (, 1972).		
Products	(TdT)		
Mutational profile	G -> p53	248	P53 (Rodrigues, 1990).
Karyotype	. :96.2 X 2 Y .		
Culture Medium	RPMI 1640, w: 2.0mM	, w: 2.0g/L NaHCO3(820700a)
Supplements	10% FBS		
Subculturing	.	5 x 10 ⁵ /ml	, 3 x 10 ⁵ ~ 1 x 10 ⁶ /ml
Seeding density	1 x 10 ⁵ /cm ²		
Fluid renewal	2~3		
Post-Thaw Recovery	24~48		
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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere

37°C, 5% CO₂ .

Flask Coating

Freezing Procedure

-78°C .

Shipping Conditions

-78°C .

Storage Conditions

-150°C -196°C .80°C .

/ / 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