

MOLT-3 | 300116

Description	MOLT-3	(ALL),	19	T	.	J.	,
	MOLT-3	CD5(97%)	CD7(97%)	CD1	CD4	T	.
	MOLT-3		-	(EBV)	B	T	.

Organism

Tissue	
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Disease (ALL)

Synonyms	3, 3, 3, 3, 3, 3, 3
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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(300116)
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Biosafety level 1

NCBI_TaxID	9606
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CellSaurusAccession CVCL_0624

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Antigen expression CD1(+), CD5(+), CD7(+), CD11a(+)
(Greenberg et al. 1988).

Karyotype

Culture Medium RPMI 1640, w: 2.0mM , w: 2.0g/L NaHCO3(820700a)

Supplements 10% FBS

Doubling time 24~48

Subculturing . 5×10^5 /ml , $3 \times 10^5 \sim 1 \times 10^6$ /ml .

Seeding density $0.5 \sim 1 \times 10^5$ /mL

Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

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. .

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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

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