[redacted] MOLT-4 | 300115

[redacted]

Description	MOLT-4 [redacted] 19 [redacted] MOLT-4 [redacted] (modal) [redacted] 95 [redacted] MOLT-4 [redacted]- [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted]
Synonyms	Molt-4, MOLT 4, Molt 4, MOLT.4, MOLT4, Molt4, GM02219, GM02219C, GM2219C, GM02219D

[redacted]

Age	19 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Cell type	[redacted]
Growth properties	[redacted]

[redacted]

Citation	MOLT-4 ([redacted] Cytion 300115)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0013

[redacted] MOLT-4 | 300115

[redacted]

Protein expression	P53 [redacted]
Antigen expression	CD1 (49%), CD2 (35%), CD3 A (26%) B (33%) C (34%), CD4 (55%), CD5 (72%), CD6 (22%), CD7 (77%)
Viruses	[redacted]- [redacted] (Minowada, 1972)
Products	[redacted] (TdT) [redacted]
Mutational profile	G -> A [redacted] 248 [redacted] p53, P53 [redacted] (Rodrigues, 1990).
Karyotype	[redacted] [redacted]: 96 [redacted] X [redacted] [redacted] Y [redacted]

[redacted]

Culture Medium	RPMI 1640, w: 2.0 mM [redacted], w: 2.0 [redacted]/[redacted] NaHCO3 ([redacted] Cytion 820700a)
Supplements	[redacted] FBS 10%
Subculturing	[redacted] 5 x 10
Seeding density	1×10^5 [redacted]^2
Fluid renewal	2 [redacted] 3 [redacted]
Post-Thaw Recovery	24 [redacted] 48 [redacted]
Freeze medium	[redacted] ([redacted] FBS) + 10% DMSO

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Thawing and Culturing Cells

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

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Flask Coating	[redacted]
Freezing Procedure	[redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted] / [redacted] / HLA

Sterility	[redacted] PCR [redacted]

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[redacted] 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