Product sheet

MOLT-4 | 300115

Description	MOLT-4 1971 19 T ALL MOLT-3 MOLT-4 T MOLT-4 24% 95 MOLT-4 T CD1 C MOLT-4 - p53 248 G → A P53
Organism	
Tissue	
Disease	T
Synonyms	Molt-4 MOLT 4 Molt 4 MOLT.4 MOLT4 Molt4 GM02219 GM02219C GM2219C GM02219D

Age	19
Gender	
Ethnicity	
Morphology	
Cell type	T
Growth properties	

Citation	MOLT-4 Cytion 300115
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0013

MOLT-4 | 300115

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	96 X Y

Culture Medium	RPMI 1640 2.0 mM 2.0 g/L $NaHCO_3$ Cytion 820700a
Supplements	10% FBS
Subculturing	5 / 5 × 10 3×10^5 1×10^6 /
Seeding density	1×10^5 /
Fluid renewal	2 3
Post-Thaw Recovery	24 48
Freeze medium	FBS + 10% DMSO CM-1 Cytion 800100

MOLT-4 | 300115

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.

Incubation Atmosphere

37°C 5% CO_2

Shipping Conditions

−78 °C

Storage Conditions

−150 −196 °C −80 °C

Sterility

PCR