

MV4-11 | 300295

Description	MV-4-11	B	AML	MV4-11	4
	MV4-11				MV-4-11
	MV-4-11				

Organism

Tissue

Disease

Synonyms	MV-4-11 MV-4:11 MV4:11 MV 4,11 MV4,11 MV411 MV 4,11
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Age	10
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Gender

Ethnicity

Morphology

Cell type

Growth properties

Citation	MV4-11 Cytion 300295
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Biosafety level 1

NCBI_TaxID	9606
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CellosaurusAccession CVCL_0064

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Antigen expression	CD4 40-96% CD10 4-11% CD15 96-99
Mutational profile	FLT3 PCR FLT3
Karyotype	48 xY t(4,11)(q21,q23) +8 +19
Culture Medium	RPMI 1640 w 2.0 mM w 2.0 g/L NaHCO3 Cytion 820700a
Supplements	10% FBS
Subculturing	5×10^5 / 5×10^6 / 3×10^7 5×10^8
Seeding density	5×10^5 /
Post-Thaw Recovery	48
Freeze medium	FBS +10% DMSO CM-1 Cytion 800100 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.		8	15	
6.	300 x g	3		
7.	10		T25	T25
8.				

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure -78 °C

Shipping Conditions -78 °C

Storage Conditions -150 -196 -80 °C

/ /HLA

Sterility PCR

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HLA

A*: '03:01:01, '68:01:02

B*: '14:02:01, '18:01:01

C*: '08:02:01, '15:02:01

DRB1*: '01:01:01, '13:02:01

DQA1*: '01:01:01, '01:02:01

DQB1*: '05:01:01, '06:09:01

DPB1*: '02:01:02, '04:01:01

E: '01:01, '01:03