

Product sheet

MV4-11 | 300295

General Information

Description	MV4-11, B- MV4-11 MV4-11
Organism	
Tissue	
Disease	
Synonyms	MV-4-11, MV-4:11, MV4:11, MV 4,11, MV4,11, MV411, MV(4,11),

Characteristics

Age	10
Gender	
Ethnicity	
Morphology	
Cell type	
Growth properties	

References

Citation	MV4-11 (Cytion 300295)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0064

Product sheet

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XXXXXXXXXX XXXX-XXXXXXXXXXXXXXXXXX

Antigen expression CD4 (40-96%), CD10 (4-11%), CD15 (96-99%)

Mutational profile FLT3mut (XXXXXXXX XXXX XXXX XXX FLT3 XXXX XXXXXXXX PCR)

Karyotype 48, xY, t(4,11)(q21,q23), +8, +19

XXXXXXXX

Culture Medium RPMI 1640, w: 2.0 mM XXXXXXXX XXXX, w: 2.0 g/L NaHCO3 (XXXXX XXXXXXXX XXX Cytion 820700a)

Supplements XXXX XXXXXX 10% FBS

Subculturing XXXX XXX XXXXXXXX⁵ XXXX⁵ XXXXXXXX⁶ XXXXXXXX XXX XXXXXXXX XXXXXXXX XXX 5 x 10

Seeding density 5 x 10⁵ XXXX/XX

Post-Thaw Recovery XXX XXXX XXXXXXX 48 XXXX XXX XXXXXXX XXXXXXX XXXXXXX

Freeze medium XXXXXXX XXXXXXX XXXXXXX, XXX XXXXXXX XXXXXXX XXXXXXX XXXX (XXXXX FBS) + 10% DMSO XXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX XXXXXXX, XXX C

Cell Culture Media MV4-11 | 300295

Thawing and Culturing Cells

1. Thaw the vial quickly in a water bath at 37°C. Do not allow the media to reach room temperature. Transfer the media to a sterile container.
2. Add the media to the culture flask. Incubate at 37°C with 5% CO₂ until the cells reach confluence.
3. Once cells are confluent, remove the media and replace with fresh media.
4. Harvest cells by trypsinization. Seed cells into a new flask at 70% confluence.
5. Incubate cells at 37°C with 5% CO₂ until they reach confluence again.
6. Harvest cells by trypsinization. Seed cells into a new flask at 300 x g.
7. Incubate cells at 37°C with 5% CO₂ until they reach confluence.
8. Harvest cells by trypsinization. Seed cells into a new flask at 10 x g.

Incubation Atmosphere 37°C, 5% CO₂, humidified

Flask Coating No

Freezing Procedure Freeze cells in a freezing medium and store at -80°C.

Shipping Conditions Store at -80°C.

Storage Conditions Store at -150°C for 196 weeks.

Cell Culture Media MV4-11 / Cell Culture Media MV4-11 / HLA

Sterility Sterile, endotoxin-free, PCR-compatible.

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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