

Product sheet

MV3 | 305495

Description

MV3 is a human melanoma cell line derived from a 76-year-old male patient with a primary cutaneous melanoma. The cell line is characterized by its high tumorigenicity and ability to form melanin pigment. It is a member of the A375 melanoma cell line family and is known for its resistance to certain chemotherapeutic agents. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 1% insulin-like growth factor-1 (IGF-1). The cell line is also known for its expression of ICAM-1 (CD54) and its ability to form melanin pigment.

Organism

Tissue

Disease

Metastatic site

Synonyms MV-3, MV 3

Age 76

Gender

Ethnicity

Morphology

Growth properties

Citation MV3 (Cytion 305495)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_W280

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Culture Medium	DMEM, w: 4.5g/L	, w: 4mM L-	, w: 3.7g/L NaHCO ₃ , w: 1.0mM	(	820300a)
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Supplements 10% FBS

Dissociation Reagent	
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Subculturing PBS . T25 3~5ml, T75 5~10ml PBS . T25

Freeze medium	(FBS) + 10% DMSO ,	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. 8ml 15ml .
6. 300 x g 3 .
7. 10ml . T25 , T25
8. .

Incubation Atmosphere	37°C, 5% CO ₂ , .
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Shipping Conditions -78°C .

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Storage
Conditions

-150°C -196°C . 80°C

Sterility

PCR