

SK-OV-3 | 300342

|                    |         |         |     |         |    |    |  |         |         |
|--------------------|---------|---------|-----|---------|----|----|--|---------|---------|
| <b>Description</b> | SK-OV-3 | SKOV3   | 64  | ---     |    |    |  |         |         |
|                    |         |         | Trx | SK-OV-3 |    |    |  |         | SK-OV-3 |
|                    |         | SK-OV-3 |     |         | M0 | M2 |  | SK-OV-3 |         |
|                    | SK-OV-3 |         |     | ---     |    |    |  |         |         |

**Organism**

**Tissue**

**Disease**

**Metastatic site**

**Synonyms** SKOV-3 SK-OV3 SK.OV.3 SKOV3 Skov3 SKO3

**Age**

64

**Gender**

**Ethnicity**

**Growth properties**

**Citation**

SK-OV-3 Cytion 300342

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_0532

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|                             |   |                    |
|-----------------------------|---|--------------------|
| <b>Isoenzymes</b>           | PGM3 1 PGM1 1-2 ES-D 1 Me-2 1 AK-1 1 GLO-1 1-2 G6PD B                                 | 0.0311             |
| <b>Tumorigenic</b>          |   |                    |
| <b>Karyotype</b>            | (P16  |                    |
| <b>Culture Medium</b>       | DMEM:Ham's F12 1:1 w: 3.1 g/L w: 2.5 mM L- w: 15 mM HEPES w: 0.5 mM w: 1.2 g/L NaHCO3 | Cytion 8           |
| <b>Supplements</b>          | 10% FBS   |                    |
| <b>Dissociation Reagent</b> | Accutase  |                    |
| <b>Subculturing</b>         | PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5                                     |                    |
| <b>Split ratio</b>          | 1:2 1:3   |                    |
| <b>Seeding density</b>      | $1 \times 10^4$ /   |                    |
| <b>Post-Thaw Recovery</b>   | $4$ $5 \times 10$ 24  |                    |
| <b>Freeze medium</b>        | 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% CO<sub>2</sub>

**Flask Coating**

**Freezing Procedure** -78 °C

**Shipping Conditions** -78 °C

**Storage Conditions** -150 -196 -80 °C

/ /HLA

**Sterility** PCR

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**STR**

**Amelogenin:** x,x  
**CSF1PO:** 11  
**D13S317:** 8,11  
**D16S539:** 12  
**D5S818:** 11  
**D7S820:** 13,14  
**TH01:** 9,9.3  
**TPOX:** 8,11  
**vWA:** 17,18  
**D3S1358:** 14  
**D21S11:** 30 31 31.2  
**D18S51:** 16 17 18  
**Penta E:** 5,13  
**Penta D:** 12,13  
**D8S1179:** 14,15  
**FGA:** 24 25 26

**HLA**

**A\*:** '03:01:01, '68:01:02  
**B\*:** '18:01:01, '35:01:01  
**C\*:** '04:01:01, '05:01:01  
**DRB1\*:** '01:01:01, '03:01:01  
**DQA1\*:** '01:01:01, '05:01:01  
**DQB1\*:** '02:01:01, '05:01:01  
**DPB1\*:** '02:01:02G '04:01:01G  
**E:** '01:01:01, '01:06:01