

Product sheet

SK-BR-3 | 300333

SK-BR-3

**Description** SK-BR-3 is a cell line derived from a 43-year-old female patient with metastatic breast cancer. The cell line is characterized by the presence of HER2 and p53 mutations. SK-BR-3 is a highly proliferative cell line that is sensitive to anti-HER2 therapy. SK-BR-3 is a cell line derived from a 43-year-old female patient with metastatic breast cancer. The cell line is characterized by the presence of HER2 and p53 mutations. SK-BR-3 is a highly proliferative cell line that is sensitive to anti-HER2 therapy.

**Organism** Human

**Tissue** Breast, Metastatic

**Disease** Breast cancer

**Metastatic site** Metastatic

**Synonyms** SK-Br-3, Sk-Br-3, SK BR 03, SKBR-3, SKBr-3, SK-BR3, SKBr3, SkBr3, SKBR3

SK-BR-3

**Age** 43 years

**Gender** Female

**Ethnicity** Caucasian

**Morphology** Epithelial

**Growth properties** Adherent, Epithelial

SK-BR-3

**Citation** SK-BR-3 (SK-BR-3) Cytion 300333

**Biosafety level** 1

**NCBI\_TaxID** 9606



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**Post-Thaw Recovery**   
 1.  $4 \times 10^6$  cells per well in 24 wells

**Freeze medium**

Freeze medium: 10% FBS + 10% DMSO

**Thawing and Culturing Cells**

1. Thaw cells in a 37°C water bath
2. Add cells to a pre-warmed medium
3. Incubate cells in a 37°C incubator
4. Remove medium and replace with fresh medium
5. Incubate cells in a 37°C incubator
6. Harvest cells at 300 x g
7. Resuspend cells in 10 ml medium
8. Seed cells into a 96-well plate

**Incubation Atmosphere**

37°C, 5% CO<sub>2</sub>

**Flask Coating**

None

**Freezing Procedure**

Freeze cells in a 10% FBS + 10% DMSO medium at -78°C

**Shipping Conditions**

Ship cells in a dry ice container at -78°C

**Storage Conditions**

Store cells at -150°C for 196 days

SK-BR-3 / SK-BR-3 / HLA

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**Sterility**

PCR  
[Redacted text]

**STR**

**Amelogenin:** x,x  
**CSF1PO:** 12  
**D13S317:** 11,12  
**D16S539:** 9  
**D5S818:** 9,12  
**D7S820:** 9,12  
**TH01:** 8,9  
**TPOX:** 8,11  
**vWA:** 17  
**D3S1358:** 17  
**D21S11:** 30,30.2  
**D18S51:** 10,13  
**Penta E:** 10,11  
**Penta D:** 9,12  
**D8S1179:** 11,12  
**FGA:** 20

**HLA**

**A\*:** '02:01:01, '03:01:01  
**B\*:** 14:02:01, 40:01:02  
**C\*:** 03:04:01, 08:02:01  
**DRB1\*:** 07:01:01, 13:02:01  
**DQA1\*:** '01:02:01, '02:01:01  
**DQB1\*:** '02:02:01, '06:04:01  
**DPB1\*:** 03:01:01  
**E:** 01:01, 01:03