

Product sheet

SK-BR-3 | 300333

Description	SK-BR-3	43			SKBR3	20	70		2	HER2	HER2
			HER2	p53	HER2	SK-BR-3		HER2			HER2
	SK-BR-3										
	SK-BR-3			HER2							

Organism

Tissue

Disease

Metastatic site

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

Age 43

Gender

Ethnicity

Morphology

Growth properties

Citation SK-BR-3 Cytion 300333

Biosafety level 1

NCBI_TaxID 9606

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CellosaurusAccession CVCL_0033

Protein expression P53

Antigen expression A Rh+ HLA A11 Bw22 +/- B40 B18

Isoenzymes PGM3 1 PGM1 1-2 ES-D 1 AK-1 1-2 GLO-1 2 G6PD B 0.0044

Tumorigenic

Mutational profile TP53

Karyotype (P9) +A +B +C +E +F +G -D

Culture Medium McCoys 5a w 3.0 / w w 2.0 w 2.2 / NaHCO3 Cytion 820200a

Supplements 10% FBS

Dissociation Reagent Accutase

Doubling time 30

Subculturing PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5

Split ratio 1:2 1:4

Seeding density ⁴ /cm² 3×10⁴ 2×10⁴ /cm²

Fluid renewal 2 3

Post-Thaw Recovery ⁴ /5×10 24

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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% CO ₂
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Flask Coating

Freezing Procedure	-78 °C
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Shipping Conditions	-78 °C
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Storage Conditions	-150 -196 -80 °C
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Sterility

PCR

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