

SaOS-2 | 300331

Receptors expressed (EGF), (1 2)

Antigen expression B, Rh+, HLA A2, A3, Bw16, Bw47

Isoenzymes Me-2, 1, PGM3, 1-2, PGM1, 1-2, ES-D, 2, AK-1, 1, GLO-1, 2, G6PD, B, : 0.0002

Tumorigenic

MSI-status (MSS)

Karyotype 56 13.2% 2S . 3 2 .

Culture Medium DMEM: F12(1:1), w: 3.1 g/L , w: 2.5mM L- , w: 15mM HEPES, w: 0.5mM , w: 1.2 g/L NaHCO3 (Cytion 820

Supplements 10% FBS

Dissociation Reagent

Doubling time 35~40

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

Split ratio 1:2 1:4

Seeding density $1 \times 10^4 / \text{cm}^2$

Fluid renewal 2~3

Post-Thaw Recovery

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% CO₂

Flask Coating

Freezing Procedure -78°C

Shipping Conditions -78°C

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

/ / HLA

Sterility PCR

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STR

CSF1PO: 10
D13S317: 12, 13
D16S539: 12, 13
D5S818: 12
D7S820: 8.1
TH01: 6,9
TPOX: 8
vWA: 18
D3S1358: 14,18
D21S11: 28.3
D18S51: 15
Penta E: 14,19
Penta D: 11, 12
D8S1179: 10, 12
FGA: 22,25

HLA

A*: '02:01:01, '24:02:01
B*: '13:02:01, '44:27:01
C*: '06:02:01, '07:04:01
DRB1*: '11:04:01, '12:01:01
DQA1*: '05:05:01
DQB1*: '03:01:01
DPB1*: '02:01:02, '04:01:01
E: '01:01:01, '01:03:01