

SW480 | 300302

Description

SW480

Organism

Tissue

Disease

,4 , B .

Synonyms

SW480, SW 480, SW480E

Age

50

Gender

Ethnicity

Morphology

Growth properties

Citation

SW-480(300302)

Biosafety level

1

NCBI_TaxID

9606

CellosaurusAccession

CVCL_0546

Receptors expressed

(EGF), ().

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Protein expression	p53	.
Antigen expression	HLA A2, B8, B17, A, Rh+. CSAp(CSAp-)	3
Isoenzymes	G6PD, B, PGM1, 2, PGM3, 1, 6PGD, A, PEP-D, 1, ES-D, 1	
Tumorigenic	,	
Viruses		
Virus susceptibility	(HIV, LAV)	
Products	(CEA) 0.7ng/10, , TGF-β.	GM-CSF
Mutational profile	SW-480 12 Kras	: GGT(Wt Gly)>GTT(Val). P53 273 G->A Arg->His
Culture Medium	F12, w: 1.0mM, w: 1.0mM, w: 1.1g/L NaHCO3(820600a)	
Supplements	10% FBS	
Dissociation Reagent		
Doubling time	20~25	
Subculturing	PBS . T25	3~5ml, T75 5~10ml PBS . T25
Seeding density	1 x 10 ⁴ /cm ²	
Fluid renewal	1~2	
Post-Thaw Recovery	4 5 x 10 ⁴ /cm ² , 24	.

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Freeze medium (FBS) + 10% DMSO , CM-1(Cytion 800100)

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

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Sterility

PCR

HLA

A*: '02:01:01, '24:02:01

B*: '07:02:01, '15:18:01

C*: '07:02:01, '07:04:01

DRB1*: '01:03:01, '13:01:01

DQA1*: '01:01:01, '01:03:01

DQB1*: '05:01:01, '06:03:01

DPB1*: '01:01:01, '04:01:01

E: '01:01, '01:03