

SW480 | 300302

Description

SW480

Organism

Tissue

Disease

IV Dukes B

Synonyms

SW480 SW480 SW480E

Age

50

Gender

Ethnicity

Morphology

Growth properties

Citation

SW-480 (Cytion 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	Carcinoembryonic antigen CEA 0.7ng/106 /10			TGF-β		GM-CSF					
Mutational profile	SW-480	12	GGT(Wt Gly) >GTT(Val)	Kras	p53	273 G->A	Arg->His	309 C->T			
Culture Medium	Ham's F12 w 1.0mM		w 1.0mM		w 1.1g/L NaHCO3 Cytion article number 820600a						
Supplements	10% FBS										
Dissociation Reagent											
Doubling time	20 25										
Subculturing				PBS	T25	3-5ml T75	5-10ml PBS	T25			1-2m
Seeding density	1 × 10 ⁴ /cm ²										
Fluid renewal	1 2										
Post-Thaw Recovery	4		/x10		24						

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Freeze medium		FBS	10	DMSO	
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CM-1

Thawing and Culturing Cells

- 1.
2. -150 3
3. 37 40 60
4. 70
5. 8ml 15ml
6. 300 x g 3
7. 10ml 2 T25
- 8.

1

Incubation Atmosphere	37	5% CO ₂
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Flask Coating

Freezing Procedure	-78
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Shipping Conditions	-78
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Storage Conditions	-150 -196	80
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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