Product sheet

SW480 | 300302

Description	
	SW480

Organism	

Tissue	

Disease	IV	B

Synonyms	SW480 SW 480 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	Matrilysin

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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 0.7 /106 /10 TGF-β GM-CSF
Mutational profile	SW-480 12 Kras GGT(Wt Gly) >GTT(Val) p53 273 G->A Arg->His 309 C->T

Culture Medium	Ham's F12 w 1.0 mM w 1.0 mM w 1.1 g/L NaHCO3 Cytion 820600a
Supplements	10% FBS
Dissociation Reagent	Accutase
Doubling time	20 25
Subculturing	PBS T25 3-5 PBS T75 5-10 Accutase T25 1-2 T75 2.5
Seeding density	1×10^{4} /
Fluid renewal	1 2
Post-Thaw Recovery	$/5 \times 10^{4}$ 24

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

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,

Flask Coating

Freezing Procedure	-78 °C

Shipping Conditions	-78 °C

Storage Conditions	-150 -196 -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