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	^{4} /5×10 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% $_{CO2}$,
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