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 ng/10^6 /10 TGF-β GM-CSF
Mutational profile	SW-480 12 Kras GGT >GTT p53 273 G→A Arg→His 309

Culture Medium	Ham's F12 1.0 mM 1.0 mM 1.1 g/L $NaHCO_3$ 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
Seeding density	1×10^4 /cm^2
Fluid renewal	1 2
Post-Thaw Recovery	5×10^4 /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. 8 15 6. 300 x g 3 7. 10 T25 T25 8.
Incubation Atmosphere	37°C 5% CO_2
Shipping Conditions	−78 °C
Storage Conditions	−150 −196 °C −80 °C
Sterility	PCR