Product sheet

[redacted] SW480 | 300302

[redacted]

Description	[redacted] SW480 [redacted]
Organism	[redacted]
Tissue	[redacted]
Disease	[redacted] 4 [redacted] Dukes' B
Synonyms	SW480, SW 480, SW480E

[redacted]

Age	50 [redacted]
Gender	[redacted]
Ethnicity	[redacted]
Morphology	[redacted]
Growth properties	[redacted]

[redacted]

Citation	SW-480 ([redacted] Cytion 300302)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0546

[redacted]

Receptors expressed	[redacted] (EGF), [redacted] ([redacted]) [redacted], [redacted]

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Protein expression	[redacted] p53 [redacted]
Antigen expression	HLA A2, B8, B17, [redacted] A, Rh+ [redacted] CSAp (CSAp-) [redacted] 3
Isoenzymes	G6PD, B, PGM1, 2, PGM3, 1, 6PGD, A, PEP-D, 1, ES-D, 1
Tumorigenic	[redacted]
Viruses	[redacted]
Virus susceptibility	[redacted] (HIV, LAV)
Products	[redacted] (CEA) 0.7 [redacted]/106 [redacted]/10 [redacted], [redacted], TGF-β. [redacted]
Mutational profile	[redacted] SW-480 [redacted] Kras [redacted] 12: GGT(Wt Gly) >GTT(Val) [redacted] G->A [redacted] 273

[redacted]

Culture Medium	Ham's F12, w: 1.0 mM [redacted], w: 1.0 mM [redacted], w: 1.1 g/L NaHCO3 ([redacted] Cytion 820600a)
Supplements	[redacted] FBS 10%
Dissociation Reagent	[redacted]
Doubling time	20 [redacted] 25 [redacted]
Subculturing	[redacted] PBS [redacted] T25 [redacted]
Seeding density	1 x 10^4 [redacted]/[redacted] ^
Fluid renewal	1 [redacted] 2 [redacted]
Post-Thaw Recovery	[redacted] 24 [redacted]

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Freeze medium	[redacted] (FBS) + 10% DMSO

Thawing and Culturing Cells

1. [redacted]
2. [redacted] cryovial [redacted] -150 [redacted]
3. [redacted] 37°C [redacted]
4. [redacted] 70%
5. [redacted] 15 [redacted]
6. [redacted] 300 x g [redacted] 3 [redacted]
7. [redacted] 10 [redacted]
8. [redacted]

Incubation Atmosphere	37°C, 5% $_{CO2}$, [redacted]
Flask Coating	[redacted]
Freezing Procedure	[redacted]
Shipping Conditions	[redacted]
Storage Conditions	[redacted] −150 [redacted] −196 °C [redacted]

[redacted] / [redacted] / HLA

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Sterility	[redacted] PCR [redacted] [redacted] [redacted] [redacted]
[redacted] 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