

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 4×10^5 24

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Freeze medium	FBS +10% DMSO	CM-1 Cytion	800100	CM-1 Cytion	800100
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Thawing and Culturing Cells

1.
2. -150°C3
3. 37°C40-60
4. 70%
5. 815
6. 300 x g 3
7. 10T25T25
8.

Incubation Atmosphere	37°C, 5% CO ₂
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Flask Coating

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