

Product sheet

SW480 | 300302

General Information

Description	SW480 is a cell line derived from a 50-year-old male patient with adenocarcinoma of the stomach. It is a highly proliferative, anchorage-dependent cell line that grows in the presence of insulin, transferrin, and selenium (ITS) supplements. The cells are characterized by their ability to form colonies in soft agar and their sensitivity to various chemotherapeutic agents.
Organism	Human
Tissue	Stomach
Disease	Adenocarcinoma
Synonyms	SW480, SW 480, SW 480, SW 480E

Cell Characteristics

Age	50 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification and Safety

Citation	SW-480 (ATCC CCL-221) 300302
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_0546

Receptor and Ligand Interactions

Receptors expressed	EGFR, ErbB2, ErbB3, ErbB4, Integrins, TGF- β receptors, Matrilysin
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Freeze medium ... (10% FBS) + 10% DMSO ...

- Thawing and Culturing Cells
1. ...
2. ... -150 ...
3. ... 37 ...
4. ... 70% ...
5. ... 15 ... 8 ...
6. ... 300 x ... 3 ...
7. ... 10 ...
8. ...

Incubation Atmosphere 37 ...

Flask Coating ...

Freezing Procedure ... -78

Shipping Conditions ... -78

Storage Conditions ... -150 -196 ...

HLA

