

SW480 | 300302

SW480

<b>Description</b>	SW480 is a human colorectal adenocarcinoma cell line derived from a 50-year-old male patient with a moderately differentiated adenocarcinoma of the sigmoid colon. It is a well-established cell line that grows as adherent cells in tissue culture.
<b>Organism</b>	Human
<b>Tissue</b>	Colorectal adenocarcinoma
<b>Disease</b>	Colorectal adenocarcinoma, Stage IV, B-RAF V600E mutation
<b>Synonyms</b>	SW480, SW 480, SW480E

Characteristics

<b>Age</b>	50 years
<b>Gender</b>	Male
<b>Ethnicity</b>	White
<b>Morphology</b>	Epithelial cells
<b>Growth properties</b>	Adherent

References

<b>Citation</b>	SW-480 (ATCC CCL-229) Cytion 300302
<b>Biosafety level</b>	1
<b>NCBI_TaxID</b>	9606
<b>CellosaurusAccession</b>	CVCL_0546

SW480 - Receptors expressed

<b>Receptors expressed</b>	EGFR, HER2, IGF1R, PDGFR, VEGFR, EphA2, EphA2L2, EphA2L3, EphA2L4, EphA2L5, EphA2L6, EphA2L7, EphA2L8, EphA2L9, EphA2L10, EphA2L11, EphA2L12, EphA2L13, EphA2L14, EphA2L15, EphA2L16, EphA2L17, EphA2L18, EphA2L19, EphA2L20, EphA2L21, EphA2L22, EphA2L23, EphA2L24, EphA2L25, EphA2L26, EphA2L27, EphA2L28, EphA2L29, EphA2L30, EphA2L31, EphA2L32, EphA2L33, EphA2L34, EphA2L35, EphA2L36, EphA2L37, EphA2L38, EphA2L39, EphA2L40, EphA2L41, EphA2L42, EphA2L43, EphA2L44, EphA2L45, EphA2L46, EphA2L47, EphA2L48, EphA2L49, EphA2L50, EphA2L51, EphA2L52, EphA2L53, EphA2L54, EphA2L55, EphA2L56, EphA2L57, EphA2L58, EphA2L59, EphA2L60, EphA2L61, EphA2L62, EphA2L63, EphA2L64, EphA2L65, EphA2L66, EphA2L67, EphA2L68, EphA2L69, EphA2L70, EphA2L71, EphA2L72, EphA2L73, EphA2L74, EphA2L75, EphA2L76, EphA2L77, EphA2L78, EphA2L79, EphA2L80, EphA2L81, EphA2L82, EphA2L83, EphA2L84, EphA2L85, EphA2L86, EphA2L87, EphA2L88, EphA2L89, EphA2L90, EphA2L91, EphA2L92, EphA2L93, EphA2L94, EphA2L95, EphA2L96, EphA2L97, EphA2L98, EphA2L99, EphA2L100
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**Freeze medium** ... (FBS) + 10% DMSO ...

**Thawing and Culturing Cells**

- 1. ...
- 2. ... -150°C ...
- 3. ... 37 ...
- 4. ... 70% ...
- 5. ... 15 ... 8 ...
- 6. ... -300 x g ... 3 ...
- 7. ... -10 ... T2
- 8. ...

**Incubation Atmosphere** 37°C, 5% CO2, ...

**Flask Coating** ...

**Freezing Procedure** ... -78°C

**Shipping Conditions** ... -78°C

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

... / ... / 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