

CW-2 | 305134

General information

Description	CW-2 is a human colorectal adenocarcinoma cell line. It was established from a 55-year-old male patient with a primary tumor in the sigmoid colon. The cell line is characterized by its ability to grow in soft agar and its sensitivity to 5-fluorouracil. It has a karyotype of 46,XX and is positive for APC, KRAS, and TP53 mutations. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum.
Organism	Human
Tissue	Colorectal adenocarcinoma
Synonyms	CW2

Characteristics

Age	55 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Growth properties	Adherent

Identification and safety

Citation	CW-2 (Cytion 305134)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_1151

Genetic and molecular data

Tumorigenic	Yes
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Overview

Culture Medium	RPMI 1640, w: 2.0 mM NaH_2PO_4 , w: 2.0 g/L NaHCO_3 (Cytion 820700a)
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Supplements	10% FBS
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Dissociation Reagent	
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Subculturing	Cells are grown in 25 cm ² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm ² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks.
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Fluid renewal	2 x 3 flasks
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Freeze medium	Cells are grown in 25 cm ² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm ² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks.
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Thawing and Culturing Cells	1. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. 2. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. 3. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. 4. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. 5. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. 6. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. 7. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. 8. Cells are grown in 25 cm² flasks (Corning Costar) in RPMI 1640 medium supplemented with 10% FBS. Cells are grown in T25, T75 or 175 cm² flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks. Cells are grown in 3 flasks.
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Incubation Atmosphere	37°C, 5% CO_2 , humidified
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Flask Coating	
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-78°C

-78°C

[illegible]

PCR