

HCC78 | 302156

Description HCC78 is a human epidermal carcinoma cell line. It is a highly tumorigenic cell line that is derived from a 65-year-old male patient with a squamous cell carcinoma of the skin. The cell line is characterized by its high growth rate and its ability to form tumors in nude mice. HCC78 is a ROS1-negative cell line.

Organism Human

Tissue Skin

Disease Squamous cell carcinoma

Synonyms HCC-78, HCC0078, HCC78, HCC78

Age 65

Gender Male

Ethnicity Caucasian

Growth properties Adherent, Epithelial

Citation HCC78 (ATCC CRL-2180) (302156)

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_2061

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Culture Medium RPMI 1640 (2.0 mM Glucose, 2.0 mM NaHCO₃ (820700a))

Supplements 10% FBS

Dissociation Reagent

Subculturing

Freeze medium (10% FBS) + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Wash cells with PBS.
 4. Resuspend cells in 70% FBS.
 5. Seed cells into a 15 cm² flask.
 6. Incubate cells for 8 days.
 7. Harvest cells.
 8. Store cells.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure

