

786-O | 300107

786-O

Description

786-O is a cell line derived from a patient with renal cell carcinoma (RCC). It is a highly tumorigenic, anchorage-dependent cell line that grows in suspension. The cells are characterized by their ability to form colonies in soft agar and their resistance to anoikis. 786-O cells are commonly used in research to study the biology of RCC and to evaluate potential therapeutic targets. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor-1 (IGF-1). 786-O cells are highly tumorigenic and form large, solid tumors in nude mice. The cell line is characterized by its ability to form colonies in soft agar and its resistance to anoikis. 786-O cells are commonly used in research to study the biology of RCC and to evaluate potential therapeutic targets. The cell line is maintained in DMEM/F12 medium supplemented with 10% fetal bovine serum (FBS) and 100 ng/ml insulin-like growth factor-1 (IGF-1). 786-O cells are highly tumorigenic and form large, solid tumors in nude mice.

Organism Human

Tissue Kidney

Disease Renal cell carcinoma

Applications Cell culture, drug screening, tumor models

Synonyms 786-o, 786O, 786-0, 786.O, 786-O RCC, RCC 786-O, RCC_7860, RCC 7860, 7860, 786-0WT

786-O

Age 58 years

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Anchorage dependent, tumorigenic

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Citation 786-O (ATCC CRL-2478) | Cytion 300107

Biosafety level 1

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A*: 03:01:01

B*: 07:02:01, 44:02:01

C*: 05:01:01, 07:02:01

DRB1*: '13:01:01, '15:01:01G

DQA1*: 01:02:01, 01:03:01

DQB1*: 06:02:01, 06:03:01

DPB1*: '04:02:01, '105:01:01

E: '01:01:01, '01:03