

Product sheet

HPAF-II | 305088

HPAF-II

Description HPAF-II is a cell line derived from a human pancreatic adenocarcinoma. It is characterized by its ability to grow in primary culture and its sensitivity to various chemotherapeutic agents. 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). HPAF-II cells are highly proliferative and form dense, confluent monolayers in culture.

Organism Human

Tissue Pancreas

Disease Pancreatic adenocarcinoma

Metastatic site Liver, Lung, Adipose tissue

Synonyms HPAF II, HPAFII, HPAF-2, HPAF2, HPAF/CD18, CD18/HPAF, HPAF-II/CD18, CD-18, CD18, CD 18

Cell Culture

Age 44 days

Gender Male

Ethnicity Caucasian

Morphology Epithelial

Growth properties Adherent

Characterization

Citation HPAF-II (ATCC CCL-221) Cytion 305088

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_0313

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Incubation Atmosphere 37°C, 5% CO₂, α -MEM, 10% FCS

Flask Coating Cell culture medium, 10% FCS

Freezing Procedure Wash cells with PBS, trypsinize, resuspend in freezing medium, aliquot into 1 ml cryovials, store at -78°C

Shipping Conditions Cryovials, dry ice, -78°C

Storage Conditions Cryovials, -150 to 196 K, 196 K, 196 K

HLA

Sterility PCR, α -MEM, 10% FCS, α -MEM, 10% FCS