

02 | 300501

Description Panc02 (PDAC)
Panc02 is a pancreatic ductal adenocarcinoma cell line derived from a C57BL/6 mouse. It is characterized by its ability to form large, solid, necrotic tumors in the pancreas. The cell line is highly tumorigenic and is used for studying the biology of pancreatic cancer and for testing potential therapies.

Organism Mouse

Tissue Pancreas

Disease Pancreatic ductal adenocarcinoma

Synonyms Panc-02, Panc 02, Panc 02, Pan02, PAN 02, PAN 02, Panc02-H0

Breed/Subspecies C57BL/6

Age 8-12 weeks

Gender Male

Growth properties Adherent

Citation Panc02 (ATCC CRL-2739) (300501)

Biosafety level 1

NCBI_TaxID 10090

CellSaurusAccession CVCL_D627

02 | 300501

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 T75 flask.
 6. Incubate cells for 15 days.
 7. Harvest cells after 8 days.
 8. Store cells at -80°C.

Incubation Atmosphere 37°C, 5% CO₂

Flask Coating

Freezing Procedure

Shipping Conditions

