

PANC 08.13 | 305391

Description	PANC 08.13 is a pancreatic cancer cell line derived from a patient with a KRAS mutation. It is characterized by its ability to form tumors in nude mice and its sensitivity to certain chemotherapeutic agents. PANC 08.13 is a pancreatic cancer cell line derived from a patient with a KRAS mutation. It is characterized by its ability to form tumors in nude mice and its sensitivity to certain chemotherapeutic agents. PANC 08.13 is a pancreatic cancer cell line derived from a patient with a KRAS mutation. It is characterized by its ability to form tumors in nude mice and its sensitivity to certain chemotherapeutic agents.
Organism	Human
Tissue	Pancreas
Disease	Pancreatic cancer
Applications	Cell culture, drug screening, tumor models
Synonyms	Panc 8.13, Panc-08.13, PANC-08-13, Panc_08_13, Panc08.13, Panc8.13, Panc-8_13, Panc-813, PANC 813, Panc813, PANC813, PANC0813, Panc0813, Pa14C, PL9, PL-9
Age	85 years
Gender	Male
Ethnicity	White
Morphology	Epithelial
Cell type	Epithelial
Growth properties	Adherent
Citation	PANC 08.13 (Cytion: 305391)
Biosafety level	1

Product sheet

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NCBI_TaxID	9606
CellosaurusAccession	CVCL_1638
Antigen expression	HER2 MHC low, EGFR MHC low, CD133 MHC low
Oncogenes	HER2+
Tumorigenic	Formaldehyde negative, tumorigenic in SCID
Mutational profile	HER2: KRAS p.Gly12Asp (c.35G>A), SMAD4 p.Cys123Metfs*2 (c.366dupA) (c.366_367ins)
Culture Medium	RPMI 1640 2.0 mM Glucose, 2.0 mM NaHCO3 (820700a, Gibco)
Supplements	15% FBS, 0.01 mM β-mercaptoethanol
Dissociation Reagent	Trypsin
Doubling time	20 days
Subculturing	1:3 to 1:5 split ratio
Seeding density	1-3 × 10 ⁴ /cm ²
Fluid renewal	2-3 times per week
Freeze medium	DMEM + 10% FBS + 10% DMSO

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Thawing and
Culturing Cells

1. 将细胞悬液缓慢加入含有培养基的细胞培养瓶中，轻轻混匀，使细胞在培养基中均匀分布。
2. 将细胞培养瓶置于37°C、5% CO₂的细胞培养箱中培养。细胞在-150°C的液氮中保存时，应确保细胞完全冻结。
3. 将细胞培养瓶置于37°C、5% CO₂的细胞培养箱中培养。细胞在37°C的培养基中培养时，应确保细胞完全解冻。
4. 将细胞培养瓶置于37°C、5% CO₂的细胞培养箱中培养。细胞在37°C的培养基中培养时，应确保细胞完全解冻。
5. 将细胞培养瓶置于37°C、5% CO₂的细胞培养箱中培养。细胞在37°C的培养基中培养时，应确保细胞完全解冻。
6. 将细胞培养瓶置于37°C、5% CO₂的细胞培养箱中培养。细胞在37°C的培养基中培养时，应确保细胞完全解冻。
7. 将细胞培养瓶置于37°C、5% CO₂的细胞培养箱中培养。细胞在37°C的培养基中培养时，应确保细胞完全解冻。
8. 将细胞培养瓶置于37°C、5% CO₂的细胞培养箱中培养。细胞在37°C的培养基中培养时，应确保细胞完全解冻。

Incubation
Atmosphere

37 °C, 5% CO₂, 95% 空气

Shipping
Conditions

细胞在-78 °C的干冰中保存，运输过程中应保持在-78 °C以下。

Storage
Conditions

细胞在-150 °C至-196 °C的液氮中保存，运输过程中应保持在-150 °C以下。

Sterility

细胞在无菌条件下培养，培养基和细胞悬液均经过严格的无菌处理。细胞在培养过程中应定期进行无菌检测（PCR）以确保细胞的纯度。