

Product sheet

PC-9 | 305045

PC-9

Description
PC-9 is a human non-small cell lung carcinoma (NSCLC) cell line. It is a highly tumorigenic cell line that is sensitive to EGFR TKIs, such as gefitinib and erlotinib. PC-9 cells are derived from a 45-year-old male patient with a primary tumor in the right lung. The cell line is characterized by its high growth rate and its ability to form tumors in immunodeficient mice. PC-9 cells are commonly used in preclinical studies to evaluate the efficacy of EGFR inhibitors and other anticancer drugs.

Organism Human

Tissue Lung

Disease Non-small cell lung carcinoma

Metastatic site Liver, Brain, Bone

Synonyms PC9, PC-9/S1, PC-9S1

PC-9

Age 45 years

Gender Male

Morphology Epithelial, Adherent

Growth properties High growth rate, Sensitive to EGFR TKIs

PC-9

Citation PC-9 (ATCC CCL-9) | Cytion 305045

Biosafety level 1

NCBI_TaxID 9606

CellosaurusAccession CVCL_B260

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Flask Coating
 [REDACTED]

Freezing Procedure
 [REDACTED] -78°C

Shipping Conditions
 [REDACTED] -78°C

Storage Conditions
 [REDACTED] -150 °C 196 [REDACTED]

[REDACTED] / [REDACTED] / HLA

Sterility
 [REDACTED] PCR [REDACTED]
 [REDACTED]