

Product sheet

PC-9 | 305045

PC-9

**Description**  
PC-9 is a cell line derived from a 45-year-old male patient with non-small cell lung cancer (NSCLC). It is a highly tumorigenic, anchorage-dependent cell line that grows in the form of epithelial sheets. PC-9 is characterized by the presence of a constitutively active EGFR (E858K) and is sensitive to EGFR TKIs, such as gefitinib and erlotinib. PC-9 is also characterized by the presence of a wild-type KRAS and a wild-type TP53. PC-9 is a highly tumorigenic cell line that is used in preclinical studies to evaluate the efficacy of EGFR TKIs in NSCLC.

**Organism** Human

**Tissue** Lung

**Disease** Non-small cell lung cancer

**Metastatic site** Lung

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

PC-9

**Age** 45 years

**Gender** Male

**Morphology** Epithelial cells, forming sheets

**Growth properties** Anchorage dependent

PC-9

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

**Biosafety level** 1

**NCBI\_TaxID** 9606

**CellosaurusAccession** CVCL\_B260

PC-9



