CDH6 and *CDKN2A* genes. These cells do not express the enzyme telomerase reverse transcriptase (hTERT) and consequently lack telomerase activity. This correlates with significantly reduced tumorigenicity *in vitro* and *in vivo.* These cells, however, display characteristics of alternative telomere lengthening (ALT) mechanisms (i.e., heterogeneity of telomere lengths and the presence of distinct nuclear structures called ALT-associated promyelocytic leukemia bodies). The SK-LU-1 cells do not form tumors when injected into immunocompromised mice.

Source

This cell line was established in 1969 from a 60-year-old Caucasian female with adenocarcinoma of the lung.

Inventors

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Key References

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Stage of Development

Ready to use

Indications

Cancer › Lung

Types

Research Tools › Cell Lines