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established cancer cell lines. SK-UT-1B maintains a near-diploid karyotype and is characterized by a very low percentage of polyploid cells. The SK-UT-1B cells have high levels of phosphorylated retinoblastoma protein, compared to the parental SK-UT-1 cells.

## Source

This is a subline of the SK-UT-1 cell line. The parental cell line was established in 1972 from a 75-year-old Caucasian female with a uterine mixed mesodermal tumor consistent with leiomyosarcoma grade III.

## Inventors

Lloyd J. Old, MD, former William E. Snee Chair in Cancer Immunology, Memorial Sloan Kettering; former Director, New York Branch, Ludwig Institute for Cancer Research

Germaine Trempe, formerly at Sloan Kettering Institute, Memorial Sloan Kettering

## Key References

Fogh J et al. (1977) One hundred and twenty-seven cultured human tumor cell lines producing tumors in nude mice. *Journal of the National Cancer Institute* 59: 221-226 (PubMed ID: [327080](#))

Chen TR (1988) SK-UT-1B, a human tumorigenic diploid cell line. *Cancer Genetics and Cytogenetics* 33: 77-81 (PubMed ID: [3383166](#))

Mao X et al. (2008) Subtle genomic alterations and genomic instability revealed in diploid cancer cell lines. *Cancer*

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