SK-ES-1: Human Ewing Sarcoma Cell Line

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Technology description

SK-ES-1 is a human Ewing sarcoma (anaplastic osteosarcoma) cell line that displays epithelial morphology and grows in adherent tissue culture. These cells are a useful preclinical model to study Ewing sarcoma and have been used in the assessment of experimental therapeutic agents. SK-ES-1 cells form xenograft small-cell malignant tumors consistent with Ewing sarcoma when injected into immunocompromised mice. These cells have been reported to express mutant p53 (C176F) protein.

Source

This cell line was established in 1971 from a bone biopsy in an 18-year-old Caucasian male with Ewing's sarcoma.

Key References

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