

# Immortalised Human Fibroblast Cell Line

**Catalogue number:** 154112

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Pranab K Das

**Institute:**

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Immortalised Human Fibroblast Cell Line

**Alternate name:**

**Class:**

**Conjugate:**

**Description:** Immortalised human fibroblasts are widely employed as a model system for cell and molecular biology studies

**Purpose:**

**Parental cell:** Human foreskin

**Organism:** Human

**Tissue:** Fibroblast

**Model:** Immortalised Line

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:**

**Immunogen:**

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:** Cells were routinely passaged 1:4 at confluency

**Production details:** Fibroblast cultures were established from neonatal foreskin using standard methods. Fibroblasts were transfected with HPV16 genes E6 and E7 using the retroviral construct LXCN16E6E7. The E6E7 genes are under the control of the MMLV promoter-enhancer sequence. In addition the vector contained a geneticin resistance gene. The retroviral particles were produced by the packaging cell line PA317. The critical concentration of geneticin for transformed selection was 1mg/ml.

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:**

**Target alternate names:**

**Target background:**

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Frozen

**Concentration:**

**Passage number:**

**Growth medium:** DMEM:M199 (1:4) supplemented with 10% FBS

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Dry ice

## Related tools

**Related tools:**

# References

References:

CancerTools.org