# H157 Cell Line

Catalogue number: 153420 Sub-type: Images:

### Contributor

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### **Tool details**

#### **\*FOR RESEARCH USE ONLY**

Name: H157 Cell Line

#### Alternate name:

#### Class:

#### Conjugate:

Cancer Tools.org **Description:** Established from a squamous cell carcinoma (SCC) of the buccal mucosa (20mm-40mm) of a male patient, age 84. STNMP stage II, well differentiated, node positive tumour. Mutant p53, codon 306 exon 8, G to A; wild type K-, N- and Ha-ras. Non-tumourigenic in athymic nude mice by subcutaneous injection and on injection into the floor of the mouth (orthotopic), but form epidermoid cysts subcutaneously

**Purpose:** Parental cell: Organism: Tissue: Buccal mucosa Model: Tumour line Gender: **Isotype: Reactivity:** Selectivity: Host: Immunogen: Immunogen UNIPROT ID: Sequence: Growth properties: Adherent Production details: Formulation: **Recommended controls:** 

**Bacterial resistance:** Selectable markers: Additional notes:

### **Target details**

Target: Human oral squamous cell carcinoma

Target alternate names:

Target background:

Molecular weight:

Ic50:

# **Applications**

**Application: Application notes:** 

## Handling

CancerTools.org Format: Frozen **Concentration:** Passage number: Growth medium: Split sub-confluent cultures (70-80%) 1:8 to 1:10 5% CO2; 37??°C. Suggested seeding density 5 x 1000 cells/cm??Â?. DMEM:HAMS F12 (1:1) + 2mM Glutamine + 10% Foetal Bovine Serum (FBS) + 0.5 ug/ml sodium hydrocortisone succinate. Temperature:

Atmosphere: Volume: Storage medium: Storage buffer: Storage conditions: Shipping conditions: Dry ice

### **Related tools**

**Related tools:** 

### References

**References:** Yeudall et al. 1995. Eur J Cancer B Oral Oncol. 31B(2):136-43. PMID: 7633286. ; Presence of human papillomavirus sequences in tumour-derived human oral keratinocytes expressing mutant p53. ; Prime et al. 1994. Int J Cancer. 56(3):406-12. PMID: 7508893. ; TGF-beta receptor regulation mediates the response to exogenous ligand but is independent of the degree of cellular differentiation in human oral keratinocytes. ; Prime et al. 1994. Br J Cancer. 69(1):8-15. PMID: 8286215. ; Epidermal growth factor and transforming growth factor alpha characteristics of human oral carcinoma cell lines. ; Yeudall et al. 1993. Eur J Cancer B Oral Oncol. 29B(1):63-7. PMID: 8180579. ; Ras gene point mutation is a rare event in premalignant tissues and malignant cells and tissues from oral mucosal lesions. ; Prime et al. 1990. J Pathol. 160(3):259-69. PMID: 1692339. ; The behaviour of human oral squamous cell carcinoma in cell culture.

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