H400 Cell Line

Catalogue number: 153424
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: H400 Cell Line

Alternate name: H400

Class:
Conjugate:
Description: Established from a squamous cell carcinoma (SCC) of the alveolar process (20mm - 40mm) of a female patient aged 55. STNMP stage II, moderately differentiated, node negative tumour. This cell line is highly responsive to TGF-beta. These cells are non-tumourigenic on subcutaneous injection into athymic nude mice, but tumourigenic on injection into the floor of the mouth
Purpose:
Parental cell:
Organism: Human
Tissue: The alveolar process of the maxilla
Model: Mutant; Tumour line
Gender: Female
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties: Adherent
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes: Haplotype information: A*11,A*29; B*07,B*15; Cw*03,Cw*15

Target details

Target: Human oral squamous cell carcinoma, alveolar process

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application: Disease modeling, malignant progression studies, gene mutation and expression analysis
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: DMEM:HAMS F12 (1:1) + 2mM Glutamine + 10% Foetal Bovine Serum (FBS) + 0.5 ug/ml sodium hydrocortisone succinate
Temperature: 37° C
Atmosphere: 5% CO2
Volume: 1 ml
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.