D34 Cell Line

Catalogue number: 152857
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: D34 Cell Line

Alternate name:

Class:
Conjugate:
Description: D34 Cell Line is derived from a leukoplakia biopsy. The cell line was notable in its proliferative capacity, considered immortal after having completed more than 100 PDs (population doublings) when maintained on a feeder layer of irradiated 3T3 fibroblasts. D34 was categorised as having a moderate dysplasia pathology.
Purpose:
Parental cell:
Organism: Human
Tissue: Tongue
Model: Tumour line
Gender:
Isotype:
Reactivity:
Selectivity:
Host:
Immunogen:
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details: Biopsies were trypsinized and cultured until a growing population of cells was obtained in a 9-cm plate and then passaged once to give a stock culture that was frozen. All cells were maintained on irradiated 3T3 feeders, in 10H medium. The 3T3 feeder layer was removed by treatment

with 0.02% EDTA prior to RNA and protein extraction.
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: As per Cancer Res. 1997 Sep 15;57(18):3886-9. All cells were maintained on irradiated 3T3 feeders, in 10H medium (DMEM plus 10% FCS without added growth factors except hydrocortisone).
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools: D38 Cell Line

References

References: McGregor et al. 2002. Cancer Res. 62(16):4757-66. PMID: 12183435. ; Molecular changes associated with oral dysplasia progression and acquisition of immortality: potential for its reversal by 5-azacytidine.