PEO4 Cell Line

Catalogue number: 151673
Sub-type:
Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: PEO4 Cell Line

Alternate name:

Class:
Conjugate:
Description: The PEO4 cell line is one of nine from the PE ovarian adenocarcinoma panel (derived from 4 patients at varying stages of ovarian cancer, isolated from various malignant sites, and at various treatment stages) which provides a model system for research into the mechanism of oestrogen action on ovarian adenocarcinoma tumour cells, and for the study of efficacy and toxicity of oestrogen protagonists. PEO4 is an adherent cell line derived from a malignant effusion from the peritoneal ascites of a patient with a poorly differentiated serous adenocarcinoma. The patient previously received cisplatin, 5-fluorouracil and chlorambucil treatment. PEO4 was collected after clinical resistance developed to chemotherapy. PEO4 is tumourigenic in immunologically-deprived CBA mice. PEO4 exhibits good growth in semi-solid medium (agar). PEO4 is from the same patient as the PEO1 and PEO6 cell lines.
Purpose:
Parental cell:
Organism: Human
Tissue: Ovary
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:

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:
Application notes:

Handling

Format: Frozen
Concentration:
Passage number:
Growth medium: RPMI-1640 + 2mM Glutamine + 2mM Sodium Pyruvate + 10% Foetal Bovine Serum. Split sub-confluent cultures (70-80%) 1:4 to 1:10 seeding at 2- 3 x 104 cells/cm2 using 0.25% trypsin or trypsin/EDTA; 5% CO2; 37??Â°C. Doubling time approximately 37 hours.
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Dry ice

Related tools

Related tools: PEO6 Cell Line ; PEO14 Cell Line ; PEO16 Cell Line ; PEO23 Cell Line ; PEO1-CDDP Cell Line ; TO14 Cell Line ; PEA1 Cell Line ; PEA2 Cell Line

References

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