

CMT 64/61 Cell Line

Catalogue number: 152751

Sub-type:

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: CMT 64/61 Cell Line

Alternate name:

Class:

Conjugate:

Description: The tumourigenic and metastatic CMT 64/61 murine cell line is derived from an alveogenic lung carcinoma of a C57BL/1CRF mouse. It can be maintained in a completely defined serum free medium, but the growth rate is much slower than in supplemented serum. It has been used in studies of lung metastases.

Purpose:

Parental cell:

Organism: Mouse

Tissue: Lung

Model: Tumour line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Tumorigenesis, adherent

Production details: Mouse; CMT 64 isolated from primary alveogenic lung carcinoma tumour mass in C57BL/1crf mouse, achieving stable morphology and growth rate in culture, similar to growth rate and morphology in primary tumour, and in lung metastasis induced after subcutaneous inoculation of mice.

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: Split sub-confluent cultures (70-80%) 1:3 to 1:6 i.e. seeding at 2-4x10,000 cells/cm² using 0.25% trypsin or trypsin/EDTA; 5% CO₂; 37°C. Culture Medium: Waymouth's MB 752/1 + 2mM Glutamine + 10% Foetal Bovine Serum (FBS).

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools: CMT 64 Cell Line ; CMT 167 Cell Line

References

References:

CancerTools.org