

CMT 170 Cell Line

Catalogue number: 153332

Sub-type:

Images:

Contributor

Inventor: Leonard Franks

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: CMT 170 Cell Line

Alternate name:

Class:

Conjugate:

Description: The tumourigenic and metastatic CMT 170 murine cell line is sub-line of CMT 64 and an in vivo mouse tumourigenesis system to study the growth characteristics and metastasis of mouse tumour lines. it demonstrates stable growth characteristics and morphology in culture and in lung metastasis induced after subcutaneous inoculation of mice. CMT 170 was selected as a sub-line of CMT 64 for its increased metastatic ability.

Purpose:

Parental cell:

Organism: Mouse

Tissue: Lung

Model: Tumour line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Tumorigenesis

Production details: Mouse; CMT-170 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: DMEM with 10% FCS, supplemented with 20mM Hepes.

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools: CMT 64 Cell Line

References

References: Fatima et al. 2011. Cell Physiol Biochem. 28(4):579-92. PMID: 22178870.

CancerTools.org