

R-3327 MAT-LyLu cell line

Catalogue number: 156410

Sub-type:

Images:

Contributor

Inventor: John Isaacs

Institute: Johns Hopkins University

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: R-3327 MAT-LyLu cell line

Alternate name:

Class:

Conjugate:

Description: This cell line was derived from the "H" subline and was passaged to the AT-1 subline of the parental R3327 tumor. The "H" subline is a heterogeneous cell line as it is comprised of androgen-dependent and androgen-independent tumor cells. Passing this heterogeneous tumor cell population in intact male rats allowed for the cloning of androgen-independent cell lines which gave rise to a fast-growing metastatic, anaplastic tumor (MAT) cell line which was further characterized to be highly metastatic to the lungs and the lymph nodes (MAT-LyLu). This cell line is a valuable model for the studying prostate malignancies both in vitro and in vivo.

Purpose:

Parental cell:

Organism:

Tissue:

Model: Cancer Model

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Metastatic anaplastic tumor (MAT) cell line, highly metastatic to the lungs and the lymph nodes (MAT-LyLu).

Target alternate names:

Target background:

Molecular weight:

Ic50:

Applications

Application:

Application notes:

Handling

Format: Frozen

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Isaacs et al. 1988. Prostate. 13(2):165-88. PMID: 3174494. ; Isaacs et al. 1986. Prostate. 9(3):261-81. PMID: 3774632.

CancerTools.org