

Pr8/22 Cell Line

Catalogue number: 153248

Sub-type: Continuous

Images:

Contributor

Inventor: Timothy Ward

Institute: Cancer Research UK Manchester Institute

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Pr8/22 Cell Line

Alternate name:

Class:

Conjugate:

Description: The cell line Pr8/22 has been derived from P388, a methylcholanthrene-induced lymphoid neoplasm originating in DBA/2 mouse and converted to ascitic form in the first mouse transfer. Pr8/22 is resistant to daunorubicin and is multi drug resistant (MDR). Cells should be treated with the drug at least once a month and before freezing, however after resuscitating daunorubicin should not be added until the first passage. It is advisable to keep a backup culture which is not drug-challenged.

Purpose:

Parental cell: P388

Organism: Mouse

Tissue: Lymphatic Tissue

Model: Tumour line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Suspension

Production details: The cell line Pr8/22 has been derived from P388, a methylcholanthrene-induced

lymphoid neoplasm.

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: Sub-culture routine: Maintain cultures between 3-9 x 100,000 cells/ml; 5% CO₂; 37°C. It is recommended to culture the cells without drug upon resuscitation until the first passage. Culture Medium: RPMI 1640 + 2mM Glutamine + 10% Horse Serum (HS); treat once a month with 0.1µM Daunorubicin.

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References: Chang et al. 1982. Cancer Res. 42(5):2040-53. PMID: 6279290. ; Establishment and characterization of SV40-transformed human breast epithelial cell lines.

CancerTools.org