

NS0 Cell Line

Catalogue number: 153797

Sub-type:

Images:

Contributor

Inventor:

Institute: Medical Research Council

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: NS0 Cell Line

Alternate name:

Class:

Conjugate:

Description: A non-secreting cell line used to generate antibody secreting hybridoma cell lines.

Background and Research Application NS0 is a non-Ig secreting, non-light chain-synthesising subclone of NS-1 (P3/NS1/1-Ag4-1). The cells are resistant to 10⁻⁶M azaguanine, cells die in the presence of HAT medium. NS0 is widely used as a fusion partner to generate antibody secreting hybridoma cell lines and is also used as a model B-cell line. The NS0 cell line is the property of MRC. CancerTools.org is unable to supply this cell line or derivatives of this cell line to commercial entities unless a license has been first secured from MRC, negotiated by LifeArc (formerly known as MRC Technology); requests for commercial use of this cell line will be forwarded to LifeArc. Points of Interest NS0 Cell Line from murine myeloma has been used to culture NS0 cells expressing CD19scFv (a binding domain of B-lymphocyte antigen CD19) to screen hybridoma clones.

Purpose:

Parental cell: NS1 (P3/NS1/1-Ag4-1)

Organism: Mouse

Tissue:

Model:

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Suspension

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: Culture medium: RPMI 1640 + 2mM Glutamine + 10% Foetal Bovine Serum (FBS).

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References:

CancerTools.org