

Immortalised AID deficient B Cell Line

Catalogue number: 154103

Sub-type:

Images:

Contributor

Inventor: Pranab K Das

Institute:

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Immortalised AID deficient B Cell Line

Alternate name: Activation-induced Cytidine Deaminase, AICDA

Class:

Conjugate:

Description: Can be used as antigen presenting cells. Hyper IgM syndromes is a group of primary immune deficiency disorders characterised by defective CD40 signalling; via B cells affecting class switch recombination (CSR) and somatic hyper mutation. Immunoglobulin (Ig) class switch recombination deficiencies are characterised by elevated serum Immunoglobulin M (IgM) levels and a considerable deficiency...

Purpose:

Parental cell: B cells from AID deficient patient

Organism: Human

Tissue:

Model: Immortalised Line

Gender:

Isotype:

Reactivity:

Selectivity:

Host:

Immunogen:

Immunogen UNIPROT ID:

Sequence:

Growth properties: Maintain at 3×10^5 to 7×10^5 cells per ml for optimal growth. Replenish growth

medium twice per week

Production details: B Cells were isolated from PBMCs of AID deficient Hyper IgM Syndrome patients using standard methods. B cells were transformed with Epstein-Barr virus.

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: RPMI 1640 medium supplemented with 10% FCS, 10mM HEPES buffer, 50U/ml penicillin and 50 ????g/ml streptomycin

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions: Dry ice

Related tools

Related tools:

References

References:

CancerTools.org