Anti-DNA [m17-p101]

Catalogue number: 157784
Sub-type:
Images:

Contributor

Inventor: Tony Marion
Institute: The University of Tennessee Health Science Center (UTHSC)
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-DNA [m17-p101]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Monoclonal anti-DNA antibodies were generated from a spontaneous mouse model of Systemic Lupus Erythematosus (SLE) (NZB x NZW)F1 using standard methodologies for the generation of B-cell hybridomas. The mice spontaneously developed anti-DNA antibodies that contributed to SLE disease. The mice were neither immunized nor stimulated non-specifically. Hybridomas derived from these autoimmune mice provide the opportunity to analyse the structure, function, and biology of autoantibodies important to understanding their contribution to the pathogenesis of SLE. Table 1 provides a summary of the variable region structures and DNA specificity for the monoclonal anti-DNA autoantibodies generated.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgM
Reactivity:
Selectivity:
Host: Mouse
Immunogen:
Immunogen UNIPROT ID: N/A
Sequence:
Growth properties:

Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: ssDNA and/or dsDNA

Target alternate names:

Target background: Monoclonal anti-DNA antibodies were generated from a spontaneous mouse model of Systemic Lupus Erythematosus (SLE) (NZB x NZW)F1 using standard methodologies for the generation of B-cell hybridomas. The mice spontaneously developed anti-DNA antibodies that contributed to SLE disease. The mice were neither immunized nor stimulated non-specifically. Hybridomas derived from these autoimmune mice provide the opportunity to analyse the structure, function, and biology of autoantibodies important to understanding their contribution to the pathogenesis of SLE. Table 1 provides a summary of the variable region structures and DNA specificity for the monoclonal anti-DNA autoantibodies generated.

Molecular weight:

Ic50:

Applications

Application: ELISA
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer:
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: 30996143 19596243 ; McKenzie et al. 2014. Science. 346(6207):318-22. PMID: 25324381. ; Koenning et al. 2012. J Neurosci. 32(36):12528-42. PMID: 22956843.