Anti-DNA [m163-c2]

Catalogue number: 157815
Tool type:

Contributor

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

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-DNA [m163-c2]

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: IgG2a
Reactivity:
Selectivity:
Host: Mouse
Immunogen:
Immunogen UNIPROT ID: N/A
Sequence:
Growth properties:

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

Patient details

Cancer subtype:
Cancer stage/grade:
Biopsy site:
Patient ethnicity:
Treatment history:

Engraftment details

Mice passaged?:
Engraftment site:
Sample type:
Host strain:
Histology:
Genetic data:

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: Marion et al. 1997. Methods. 11(1):3-11. PMID: 8990083. ; Tillman et al. 1992. J Exp Med. 176(3):761-79. PMID: 1512540. ; Marion et al. 1982. J Immunol. 128(2):668-74. PMID: 7198664.