Anti-HA (H1N1) [LM41]

Catalogue number: 153417
Sub-type:
Images:

Contributor

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Institute: University of Warwick
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HA (H1N1) [LM41]

Alternate name: Hemagglutinin Antibody, Anti-HA, HA, Antibody, Anti-Influenza A, Anti-H1N1 HA, Influenza A Antibody, Flu Antibody, AWSN Antibody, H1N1 Antibody, Anti-AWSN, A/WSN Antibody, Anti-A/WSN

Class: Monoclonal
Conjugate: Unconjugated
Description: The hemagglutinin (HA) protein is one of two major surface glycoproteins on the envelope of influenza A virus. The HA protein is responsible for receptor binding to host cells and for viral entry and is therefore the primary target of neutralizing antibodies. LM41 recognises an epitope of the A/WSN (H1N1) HA antigen only when expressed in H-2k cells. LM41 inhibited Ag-specific, MHC class I-restricted lysis of H-2k target cells infected with a vaccinia recombinant virus expressing the HA of A/WSN by CTL from A/WSN virus-infected H-2k mice.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgM
Reactivity: Virus
Selectivity:
Host: Mouse
Immunogen: C3WHe-mg (H-2k) mice were infected with A/WSN (H1N1)
Immunogen UNIPROT ID:
Sequence:
Growth properties:

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

Target details

Target: A/WSN (H1N1) hemagglutinin

Target alternate names:

Target background: The hemagglutinin (HA) protein is one of two major surface glycoproteins on the envelope of influenza A virus. The HA protein is responsible for receptor binding to host cells and for viral entry and is therefore the primary target of neutralizing antibodies. LM41 recognises an epitope of the A/WSN (H1N1) HA antigen only when expressed in H-2k cells. LM41 inhibited Ag-specific, MHC class I-restricted lysis of H-2k target cells infected with a vaccinia recombinant virus expressing the HA of A/WSN by CTL from A/WSN virus-infected H-2k mice.

Molecular weight:

Ic50:

Applications

Application: ELISA ; Fn
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: Jonker et al. 2002. Proc Natl Acad Sci U S A. 99(24):15649-54. PMID: 12429862. ; The breast cancer resistance protein protects against a major chlorophyll-derived dietary phototoxin and protoporphyria.