

Anti-MERS N [9H10]

Catalogue number: 152663

Sub-type:

Images:

Contributor

Inventor:

Institute: A*STAR Accelerate Technologies Pte Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-MERS N [9H10]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: A novel coronavirus (termed as severe acute respiratory syndrome coronavirus, SARS-CoV) was the cause of a viral outbreak which caused profound disturbances worldwide in 2003. Most recently, another novel coronavirus has achieved successful zoonotic transmission and been named as the Middle East respiratory syndrome coronavirus (MERS-CoV). As of 9 May 2014, a total of 536 people have been infected and the fatality rate is ~27%. As the Nucleocapsid protein (N) protein of coronavirus is an abundant virion protein and highly immunogenic, monoclonal antibody for MERS N will be useful for the detection of the virus especially if the monoclonal antibody can distinguish MERS-CoV from other human coronaviruses.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: Inconclusive

Reactivity: Virus

Selectivity:

Host: Mouse

Immunogen: GST-MERS N fusion

Immunogen UNIPROT ID:

Sequence:

Growth properties:

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

Target details

Target: MERS coronavirius nucleocapsid protein

Target alternate names:

Target background: A novel coronavirus (termed as severe acute respiratory syndrome coronavirus, SARS-CoV) was the cause of a viral outbreak which caused profound disturbances worldwide in 2003. Most recently, another novel coronavirus has achieved successful zoonotic transmission and been named as the Middle East respiratory syndrome coronavirus (MERS-CoV). As of 9 May 2014, a total of 536 people have been infected and the fatality rate is ~27%. As the Nucleocapsid protein (N) protein of coronavirus is an abundant virion protein and highly immunogenic, monoclonal antibody for MERS N will be useful for the detection of the virus especially if the monoclonal antibody can distinguish MERS-CoV from other human coronaviruses.

Molecular weight:

Ic50:

Applications

Application: IF ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Barnwal et al. 2015. Antiviral Res. 116:55-61. PMID: 25666762. ; A monoclonal antibody binds to threonine 49 in the non-structural 1 protein of influenza A virus and interferes with its ability to modulate viral replication.