

Anti-CHIKV [11E7]

Catalogue number: 153201

Sub-type:

Images:

Contributor

Inventor:

Institute: A*STAR Accelerate Technologies Pte Ltd

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-CHIKV [11E7]

Alternate name: Chikungunya virus

Class: Monoclonal

Conjugate: Unconjugated

Description: Chikungunya virus (CHIKV) is known to be transmitted to humans by mosquito vectors, primarily *Aedes aegypti* and *A. albopictus*. Symptoms of chikungunya infection generally initiated 4-7 days after the bite of the mosquito vector and usually include high fever, asthenia, chills, headache, diarrhoea, vomiting and rash. CHIKV gained its infamy from the severe outbreak in the Indian Ocean island of La Reunion in 2005-2006, in which 38.2% of the population was infected and 41.5 million people were documented to have experienced hemorrhagic fever manifestations. Since the re-emergence of CHIKV in La Reunion, epidemic outbreaks of CHIKV infection have been reported globally and CHIKV is now considered endemic in 34 countries across Europe, Australia, Asia and Africa. Mouse monoclonal antibodies that are specific to chikungunya virus can be used as a research or diagnostic reagent to detect infection of cells.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity: Virus

Selectivity:

Host: Mouse

Immunogen: Live chikungunya virus

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Infected BHK cells

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: N218 epitope on E2 protein of CHIKV

Target alternate names:

Target background: Chikungunya virus (CHIKV) is known to be transmitted to humans by mosquito vectors, primarily *Aedes aegypti* and *A. albopictus*. Symptoms of chikungunya infection generally initiated 4-7 days after the bite of the mosquito vector and usually include high fever, asthenia, chills, headache, diarrhoea, vomiting and rash. CHIKV gained its infamy from the severe outbreak in the Indian Ocean island of La Reunion in 2005-2006, in which 38.2% of the population was infected and 41.5 million people were documented to have experienced hemorrhagic fever manifestations. Since the re-emergence of CHIKV in La Reunion, epidemic outbreaks of CHIKV infection have been reported globally and CHIKV is now considered endemic in 34 countries across Europe, Australia, Asia and Africa. Mouse monoclonal antibodies that are specific to chikungunya virus can be used as a research or diagnostic reagent to detect infection of cells.

Molecular weight:

Ic50:

Applications

Application: IF ; WB

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: Anti-CHIKV [3E7b] ; Anti-CHIKV [8A2c] ; Anti-CHIKV [6A11]

References

References:

CancerTools.org