

Certificate of Analysis

Name: Mouse monoclonal antibody specific for Chikungunya virus VLP (clone 16A12)

Product Code: MAB12129-200 / MAB12129-1000

Batch #: 24072910

Date of Manufacture: 29-JUL-2024

Product Description: Mouse monoclonal antibody specific for Chikungunya virus VLP (clone 16A12) recognizes the E2 protein when presented within the VLP or live virus

Clone Number: 16A12

Isotype: IgG1

Amount: 0.2mg / 1.0 mg

Concentration: 4.0 mg/ml

Purity: >95%

Presentation: Liquid

Buffer: PBS pH7.4

Preservative: None present

Immunogen: Inactivated native Chikungunya virus, strain 181/25

Purification: Antibody was purified by affinity chromatography on Protein A (pI 6.0-6.5)

Specificity: This antibody is specific for Chikungunya virus VLP (clone 16A12) and recognizes the E2 protein when presented within the VLP or live virus. It demonstrates negligible cross-reactivity with other members of the alphavirus family, including Western Eastern and Venezuelan Encephalitis viruses. There is no cross-reactivity to Zika, Dengue or other flavivirus antigens. The antibody has been reported to neutralise Chikungunya virus in PRNT assays.

Applications: ELISA, Immunofluorescence, Neutralisation

Usage Guidelines

Short Term Storage: Up to three months at +4°C

Long Term Storage: -20°C

Storage Guidelines: Avoid repeated freeze/thaw cycles.



30/07/2024

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QC
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30/07/2024

X *Michael Neale*

QA
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