

Bulk Anti-Chikungunya E1 Protein (CHK-166) Antibody

Product Code: ICH1243

More Information

Species Reactivity: Chikungunya virus

Target: Chikungunya, E1

Concentration: >5mg/ml

Isotype: Mouse IgG2c Kappa

Host: Mouse

product name H2: Bulk Anti-Chikungunya E1 Protein (CHK-166) Antibody

Shipping Conditions: Blue ice

background: The Chikungunya virus E1 glycoprotein drives membrane fusion during viral entry and is an important antigen in alphavirus immunology. Clone CHK-166 is a mouse IgG2c kappa monoclonal antibody recognising CHIKV E1, validated for ELISA, flow cytometry, neutralization, and in vivo applications. Anti-Chikungunya E1 CHK-166 is supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it provides reproducible, lot-consistent results for Chikungunya virology, neutralization assays, and infection-model studies.

Other names: CHIKV, Chikungunya virus, VLPs, Chikungunya virus-like particles

clone: CHK-166

Purification Method: Protein A

Formulation: This monoclonal antibody is aseptically packaged and formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4 with no carrier protein,



potassium, calcium or preservatives added.

Purity: $\geq 95\%$ monomer by analytical SEC_ $> 95\%$ by SDS Page

Endotoxin: 1.0 EU/mg as determined by the LAL method

Storage: Functional grade preclinical antibodies may be stored sterile as received at 2-8°C for up to one month. For longer term storage, aseptically aliquot in working volumes without diluting and store at $\leq -70^\circ\text{C}$. Avoid Repeated Freeze Thaw Cycles.

Applications: ELISA, FC, in vivo, N

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.