

Bulk Anti-Zika E Protein (ZV67) Antibody

Product Code: ICH1241

More Information

Species Reactivity: Zika virus

Target: ZIKV E (Envelope)

Concentration: >5mg/ml

Isotype: Mouse IgG2c Kappa

Host: Mouse

product name H2: Bulk Anti-Zika E Protein (ZV67) Antibody

Shipping Conditions: Blue ice

background: The Zika virus envelope (E) protein mediates viral attachment and fusion and is the dominant target of neutralising antibody responses against the flavivirus. Clone ZV67 is a mouse IgG2c kappa monoclonal antibody recognising ZIKV E protein, validated for ELISA, neutralization, Western blot, and in vivo use. Anti-Zika E ZV67 is supplied in a low-endotoxin format suitable for in vivo applications and manufactured in scalable milligram to gram quantities for bulk and high-throughput laboratories. As a research-use-only, non-therapeutic reagent, it offers reproducible, lot-consistent performance for Zika virology, neutralization assays, and flavivirus immunology research.

Other names: ZIKV E, Envelope protein

clone: ZV67

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: ≥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, in vivo, N, WB

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