

**Monoclonal Anti-Chikungunya Virus E2 Envelope Glycoprotein, Clone CHK-48
(produced *in vitro*)**

Catalog No. NR-44002

Product Description: Antibody Class: IgG2c λ

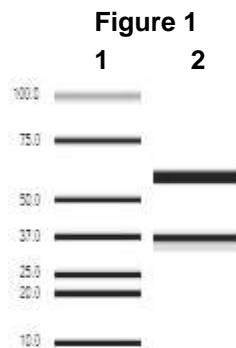
Mouse monoclonal antibody prepared against the E2 envelope glycoprotein of chikungunya virus (CHIKV) was purified from clone CHK-48 hybridoma supernatant by protein G affinity chromatography.

Lot: 61954722

Manufacturing Date: 08OCT2013

| TEST | SPECIFICATIONS | RESULTS |
|---|--|--|
| Antibody Class Determination | IgG2c λ | IgG2c λ |
| Experion Pro260 Analysis | Correct molecular weight (MW) for heavy and light chains Report results | Correct MW for heavy and light chains (Figure 1) 93.2% pure |
| Concentration by Spectrophotometer at OD ₂₈₀ | Report results | 1.0 mg per mL |
| Functional Activity by Indirect Fluorescent Antibody Assay ¹ | Report results | Weak fluorescence observed |
| Sterility | 0.22 μ m filter-sterilized | 0.22 μ m filter-sterilized |

¹Using CHIKV, R-91142 (BEI Resources NR-13221)-infected Vero E6 cells (ATCC[®] CRL-1586[™]) and a 1:100 dilution of NR-44002



Lane 1: MW Markers (kDa)
Lane 2: NR-44002

Date: 20 JAN 2015

Signature:

Title:

Technical Manager, BEI Authentication or designee

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