

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

Catalog No. NR-44002

Product Description: Antibody Class: IgG2cλ
 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.

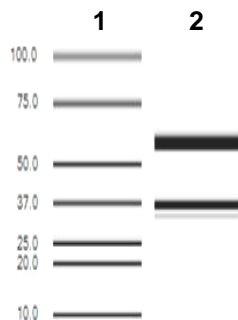
Lot: 63788818

Manufacturing Date: 26OCT2015

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2cλ	IgG2cλ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 96.1% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.4 mg per mL
Functional Activity by Indirect Fluorescent Antibody Assay ¹	Report results	Weak fluorescence observed
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

¹Using CHIKV, R-91142 (BEI Resources NR-13221)-infected Vero E6 cells (ATCC® CRL-1586™) and a 1:50 dilution of NR-44002

Figure 1



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

Date: 02 SEP 2016

Signature: *Michael R. Gynther*
 BEI Resources Authentication

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