

**Monoclonal Anti-Chikungunya Virus E2 Envelope Glycoprotein, Clone CHK-263
(produced *in vitro*)**

Catalog No. NR-44003

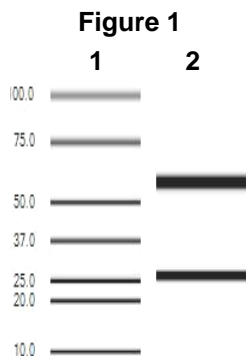
Product Description: Antibody Class: IgG2ck
 Mouse monoclonal antibody prepared against the E2 envelope glycoprotein of chikungunya virus (CHIKV) was purified from clone CHK-263 hybridoma supernatant by protein G affinity chromatography.

Lot: 63817776

Manufacturing Date: 09NOV2015

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ck	IgG2ck
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 99.4% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.3 mg per mL
Functional Activity by Indirect Fluorescent Antibody Assay ¹	Report results	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-44003



Lane 1: MW Markers (kDa)
 Lane 2: NR-44003

Date: 02 SEP 2016

Signature: *Michael Q. Gynther*
 BEI Resources Authentication

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