

**Monoclonal Anti-Dengue Virus Type 1 Envelope Protein, Clone E13 (produced *in vitro*)**

**Catalog No. NR-4744**

**Product Description:** Antibody Class: IgG1κ

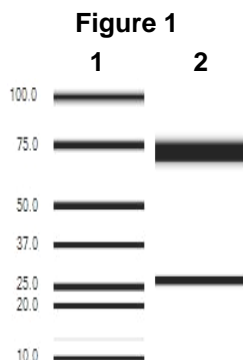
Mouse monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 1 (DEN-1) was purified from clone E13 hybridoma supernatant by protein G affinity chromatography. The clone E13 antibody is reported to bind to domain III in the envelope glycoprotein.

**Lot: 64057087**

**Manufacturing Date: 06JUL2016**

TEST	SPECIFICATIONS	RESULTS
Antibody Class	Report results	IgG1κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 96.7% pure
Protein Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.5 mg per mL
Functional Activity by Indirect Fluorescent Antibody Assay <sup>1</sup>	Report results	Fluorescence observed
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

<sup>1</sup>Using BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC® CCL-81™) and 1:100 and 1:300 dilutions of NR-4744



Lane 1: MW Markers (kDa)  
Lane 2: NR-4744

**Date:** 31 AUG 2016

**Signature:** *Michael Q. Gynther*

BEI Resources Authentication

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