

**Monoclonal Anti-Dengue Virus Type 4 Envelope Protein, Clone E34 (produced *in vitro*)**

**Catalog No. NR-15545**

**Product Description:** Antibody Class: IgG2a

Mouse monoclonal antibody prepared against the envelope protein of dengue virus type 4 (DEN-4) was purified from clone E34 hybridoma supernatant by protein G affinity chromatography.

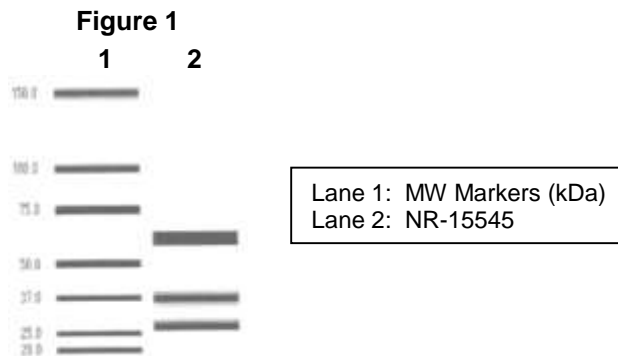
**Lot: 59549354**

**Manufacturing Date: 10JAN2011**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2a <sup>1</sup>
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 99% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.3 mg per mL
Functional Activity Indirect fluorescent antibody assay <sup>2</sup>	Report results	Fluorescence observed
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>Light chain typed as kappa using a 1:1000 dilution of NR-15545 and a Roche IsoStrip Mouse Monoclonal Antibody Isotyping Kit (Cat. No. 11493027001), but Experion Pro260 analysis (figure 1) indicated the presence of two distinct light chain bands.

<sup>2</sup>Using DEN-4, D85-019 (BEI Resources NR-3804)-infected C6/36 cells (ATCC® CRL-1660™) and a 1:300 dilution of NR-15545



**Date:** 03 JUN 2014

**Signature:** *Dorothy C. Young*

**Title:** Technical Manager, BEI Authentication or designee

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