

**Monoclonal Anti-Dengue Virus Type 1 Envelope Protein, Clone E59 (produced *in vitro*)**

**Catalog No. NR-4762**

**Product Description:** Antibody Class: IgG2b $\kappa$

Mouse monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 1 (DEN-1) was purified from clone E59 hybridoma supernatant by protein G affinity chromatography. The clone E59 antibody is reported to bind to domain I-II in the envelope glycoprotein.

**Lot: 58223689**

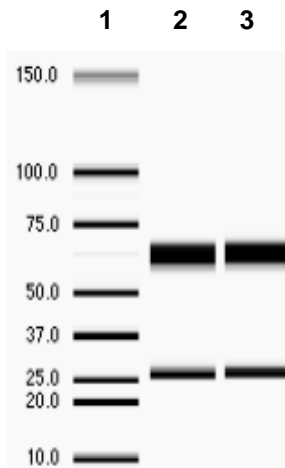
**Manufacturing Date: 16SEP2008**

TEST	SPECIFICATIONS	RESULTS
<b>Antibody Class Determination</b>	Report results	IgG2b $\kappa$
<b>Experion Pro260 Analysis</b>	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 99 % pure
<b>Functional Activity</b> Indirect fluorescent antibody assay <sup>1</sup> ELISA <sup>2</sup>	Report results Report results	No specific fluorescence observed Reactive
<b>Sterility</b>	0.22 $\mu$ m filter-sterilized	0.22 $\mu$ m filter-sterilized

<sup>1</sup>Using BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC<sup>®</sup> CCL-81™) and 1:100 and 1:300 dilutions of NR-4762

<sup>2</sup>Using a 1:50 dilution of cell lysate from BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC<sup>®</sup> CCL-81™) and a 1:100 dilution of NR-4762

**Figure 1**



Lane 1: MW Markers (kDa)  
Lane 2: NR-4762  
Lane 3: NR-4762

## Certificate of Analysis for NR-4762

**Date:** 30 NOV 2010

**Signature:** 

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

ATCC<sup>®</sup>, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC<sup>®</sup>'s knowledge.

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