

Monoclonal Anti-Dengue Virus Type 1 Envelope Protein, Clone E54 (produced *in vitro*)

Catalog No. NR-4760

Product Description: Antibody Class: IgG1 κ

Mouse monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 1 (DEN-1) was purified from clone E54 hybridoma supernatant by protein G affinity chromatography. The clone E54 antibody is reported to bind to domain III in the envelope glycoprotein.

Lot: 58223688

Manufacturing Date: 16SEP2008

| TEST | SPECIFICATIONS | RESULTS |
|--|--|--|
| Antibody Class Determination | Report results | IgG1 κ |
| Experion Pro260 Analysis | Correct molecular weight (MW) for heavy and light chains Report results | Correct MW for heavy and light chains 98.0 % pure |
| Functional Activity Indirect fluorescent antibody assay ¹ ELISA ² | Report results Report results | No fluorescence observed Reactive |
| Sterility | 0.22 μ m filter-sterilized | 0.22 μ m filter-sterilized |

¹Using BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC[®] CCL-81™) and a 1:100 dilution of NR-4760

²Using a 1:50 dilution of cell lysate from BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC[®] CCL-81™) and 1:33 dilutions of NR-4760

Date: 08 NOV 2010

Signature:



Title:

Technical Manager, BEI Authentication or designee

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