

Monoclonal Anti-Dengue Virus Type 1 Envelope Protein, Clone E17 (produced *in vitro*)

Catalog No. NR-4745

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 E17 hybridoma supernatant by protein G affinity chromatography. The clone E17 antibody is reported to bind to domain I-II in the envelope glycoprotein.

Lot: 58269205

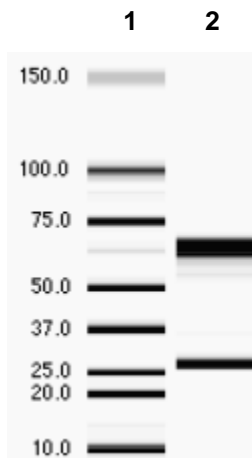
Manufacturing Date: 26SEP2008

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 (Figure 1) 97.0 % pure
Functional Activity Indirect fluorescent antibody assay ¹ ELISA ²	Report results Report results	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 1:100 and 1:300 dilutions of NR-4745

²Using a 1:50 dilution of cell lysate from BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC[®] CCL-81[™]) and a 1:100 dilution of NR-4745

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-4745

Certificate of Analysis for NR-4745

Date: 30 NOV 2010

Signature: 

Title: Technical Manager, BEI Authentication or designee

ATCC®, 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®'s knowledge.

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