

Monoclonal Anti-Dengue Virus Type 1 Envelope Protein, Clone E37 (produced *in vitro*)

Catalog No. NR-9549

Product Description: Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 1 (DEN-1) was purified from clone E37 hybridoma supernatant by protein G affinity chromatography. The clone E37 antibody is reported to bind to domain III in the envelope glycoprotein.

Lot: 58540066

Manufacturing Date: 14MAY2009

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains 97.1 % pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.1 mg/mL
Functional Activity Indirect fluorescent antibody assay ¹ ELISA ²	Report results Report results	Fluorescence observed Reactive
Sterility	0.22 μm filter-sterilized	0.22 μm 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-9549

²Using a 1:50 dilution of cell lysate from BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC® CCL-81™) and a 1:50 dilution of NR-9549

Date: 10 NOV 2010

Signature: 

Title: Technical Manager, BEI Authentication or designee

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