

Monoclonal Anti-Dengue Virus Type 1 Envelope Protein, Clone E30 (produced *in vitro*)

Catalog No. NR-4752

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 E30 hybridoma supernatant by protein G affinity chromatography. The clone E30 antibody is reported to bind to domain III in the envelope glycoprotein.

Lot: 58078280

Manufacturing Date: 02OCT2008

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 98.3 % pure
Concentration by Modified Lowry Assay ¹	Report results	0.90 mg/mL
Functional Activity Indirect fluorescent antibody assay ² ELISA ³	Report results Report results	Fluorescence observed Reactive
Sterility	0.22 μ m filter-sterilized	0.22 μ m filter-sterilized

¹BioRad DC Protein Assay (500-0116)

²Using BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC[®] CCL-81[™]) and a 1:300 dilution of NR-4752

³Using 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-4752

Date: 08 NOV 2010

Signature: 

Title: Technical Manager, BEI Authentication or designee

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