

Monoclonal Anti-Dengue Virus Type 1 Envelope Protein, Clone E11 (produced *in vitro*)

Catalog No. NR-4742

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 E11 hybridoma supernatant by protein G affinity chromatography. The clone E11 antibody is reported to bind to domain III in the envelope glycoprotein.

Lot: 58007011

Manufacturing Date: 06FEB2008

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1 κ
Identity by SDS-PAGE (Coomassie Blue)	Correct molecular weight for heavy and light chains	Correct molecular weight for heavy and light chains
Concentration by Modified Lowry Assay ¹	Report results	0.8 mg/mL
Functional Activity Indirect fluorescent antibody assay ² ELISA ³	Report results Report results	No 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 1:100 dilution of NR-4742

³Using a 1:50 dilution of cell lysate from BEI Resources NR-82 (DEN-1, Hawaii)-infected Vero cells (ATCC[®] CCL-81™) and a 1:40 dilution of NR-4742

Date: 04 NOV 2010

Signature:



Title:

Technical Manager, BEI Authentication or designee

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