

Monoclonal Anti-Dengue Virus Type 4 Envelope Protein, Clone E21 (produced *in vitro*)

Catalog No. NR-15539

Product Description: Antibody Class: IgG2bk

Mouse monoclonal antibody prepared against the envelope protein of dengue virus type 4 (DEN-4) was purified from clone E21 hybridoma supernatant by protein G affinity chromatography.

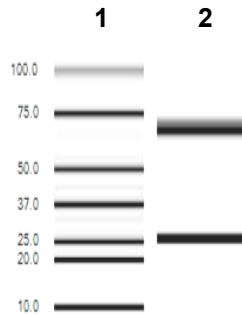
Lot: 62125363

Manufacturing Date: 22NOV2013

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2bk
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 99.9% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.4 mg per mL
Functional Activity by Indirect Fluorescent Antibody Assay ¹	Report results	Fluorescence observed
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Using DEN-4, D85-019 (BEI Resources NR-3804)-infected C6/36 cells (ATCC® CRL-1660™) and 1:100 and 1:300 dilutions of NR-15539

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-15539

Date: 05 MAY 2014

Signature: *Michael R. Grynberg*

Title: Technical Manager, BEI Authentication or designee

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