

Monoclonal Anti-Dengue Virus Type 4 Envelope Protein, Clone E62 (produced *in vitro*)

Catalog No. NR-15551

Product Description: Antibody Class: IgG2ak

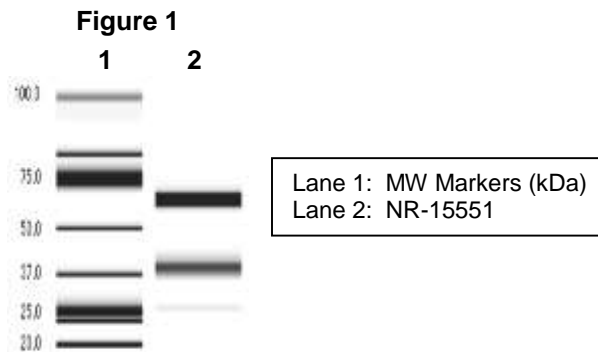
Mouse monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 4 (DEN-4) was purified from clone E62 hybridoma supernatant by protein G affinity chromatography.

Lot: 59271182

Manufacturing Date: 10SEP2010

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2ak
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 93% pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.2 mg/mL
Functional Activity 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 Vero cells (ATCC® CCL-81™) and 1:100 and 1:300 dilutions of NR-15551



Date: 12 JUN 2014

Signature: *Dorothy C. Young*

Title: Technical Manager, BEI Authentication or designee

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