

Monoclonal Anti-West Nile Virus Envelope Protein, Clone E24 (produced *in vitro*)

Catalog No. NR-10136

Product Description: Antibody Class: IgG2 κ

Mouse monoclonal antibody prepared against the envelope glycoprotein of West Nile virus (WNV) was purified from clone E24 hybridoma supernatant by protein G affinity chromatography. The clone E24 monoclonal antibody is reported to bind to the lateral ridge of domain III in the envelope glycoprotein.

Lot: 58540069

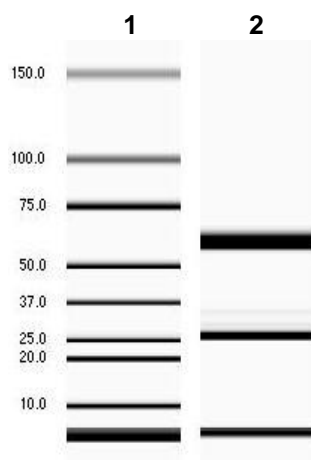
Manufacturing Date: 22APR2009

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2 κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 95.8 % pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	2.3 mg/mL
Functional Activity Indirect fluorescent antibody assay ¹ ELISA ²	Report results Report results	Fluorescence observed Reactive
Sterility	0.22 μ m filter-sterilized	0.22 μ m filter-sterilized

¹Using BEI Resources NR-676 [WNV, Eg101 (Egypt 1951)]-infected Vero cells (ATCC[®] CCL-81™) and 1:100 and 1:300 dilutions of NR-10136

²Using a 1:50 dilution of cell lysate from BEI Resources NR-676 infected Vero cells (ATCC[®] CCL-81™) and a 1:670 dilution of NR-10136

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-10136

Certificate of Analysis for NR-10136

Date: 02 NOV 2010

Signature: 

Title: Technical Manager, BEI Authentication or designee

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

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