

Monoclonal Anti-West Nile Virus Envelope Protein, Clone E121 (produced *in vitro*)

Catalog No. NR-10142

Product Description: Antibody Class: IgG2 κ

Mouse monoclonal antibody prepared against the envelope glycoprotein of West Nile virus (WNV) was purified from clone E121 hybridoma supernatant by protein G affinity chromatography. The clone E121 monoclonal antibody is reported to bind to the lateral ridge of domain I in the envelope glycoprotein.

Lot: 58932855

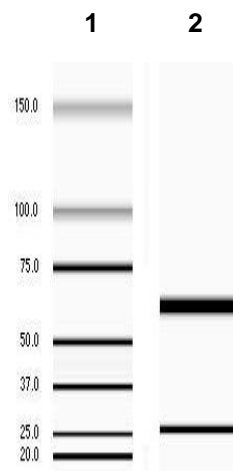
Manufacturing Date: 10FEB2010

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) 99.8 % pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.5 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 a 1:100 dilution of NR-10142

²Using a 1:50 dilution of cell lysate from BEI Resources NR-676 infected Vero cells (ATCC[®] CCL-81™) and a 1:125 dilution of NR-10142

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-10142

Certificate of Analysis for NR-10142

Date: 03 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.

ATCC[®] is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

