

Monoclonal Anti-West Nile Virus Envelope Protein, Clone E114 (produced *in vitro*)

Catalog No. NR-10141

Product Description: Antibody Class: IgG1 κ

Mouse monoclonal antibody prepared against the envelope glycoprotein of West Nile virus (WNV) was purified from clone E114 hybridoma supernatant by protein G affinity chromatography. The clone E114 monoclonal antibody is reported to bind to domain III in the envelope glycoprotein.

Lot: 58932854

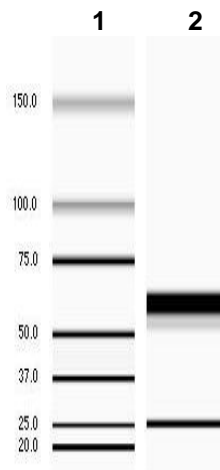
Manufacturing Date: 10FEB2010

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1 κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (see Figure 1) 95.6 % pure
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.6 mg/mL
Functional Activity Indirect fluorescent antibody assay ¹ ELISA ²	Report results Report results	Fluorescence observed Non-specific binding
Sterility	Filter-sterilized (0.22 μ m filter)	Filter-sterilized (0.22 μ m filter)

¹Using BEI Resources NR-676 [WNV, Eg101 (Egypt 1951)]-infected Vero cells (ATCC[®] CCL-81[™]) and a 1:100 dilution of NR-10141

²Using a 1:50 dilution of cell lysate from BEI Resources NR-676 infected Vero cells (ATCC[®] CCL-81[™]) and 1:125 and 1:670 dilutions of NR-10141

Figure 1



Lane 1: MW Markers (kDa)
Lane 2: NR-10141

Certificate of Analysis for NR-10141

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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