

Certificate of Analysis for NR-12184

Monoclonal Anti-Ebolavirus Envelope Glycoprotein, Clone 15H10 (produced *in vitro*)

Catalog No. NR-12184

Product Description: Antibody Class: **IgG1κ, IgG2aλ¹**

Mouse monoclonal antibody prepared against the envelope glycoprotein of ebolavirus was purified from clone 15H10 hybridoma supernatant by protein G affinity chromatography.

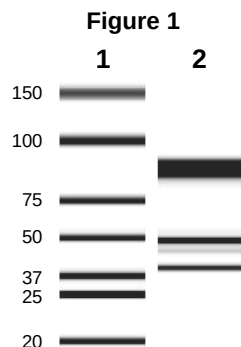
Lot: 63087217

Manufacturing Date: 01DEC2014

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1κ and IgG2aλ ¹
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 96.0% pure ^{1,2}
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.3 mg per mL ^{1,2}
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

¹The clone 15H10 hybridoma was generated using the P3X63-Ag8 myeloma fusion partner; P3X63-Ag8 secretes the MOPC21 protein, an IgG1κ antibody of unknown specificity. Thus, NR-12184 contains both MOPC21 protein and EBOV GP-specific antibody of the IgG2aλ isotype, as well as inactive hybrid immunoglobulin molecules.

²Two heavy chain peaks and two light chain peaks were observed on the Experion Pro260 analysis. The purity estimate and total concentration given are for total IgG.



Lane 1: MW Markers (kDa)
Lane 2: NR-12184

Date: 03 MAR 2015

Signature:

Title:

Technical Manager, BEI Authentication or designee

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