b|e|i RESOURCES

SUPPORTING INFECTIOUS DISEASE RESEARCH

Certificate of Analysis for NR-12184

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

Catalog No. NR-12184

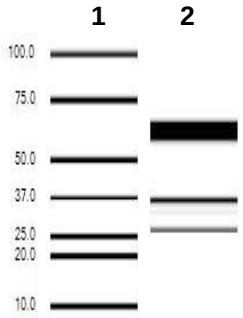
Product Description: Antibody Class: IgG1κ, IgG2aλ[1]
Mouse monoclonal antibody prepared against the envelope glycoprotein of ebolavirus was purified from clone 15H10 hybridoma supernatant by protein G affinity chromatography.

Lot: 63261345 **Manufacturing Date: 09MAR2015**

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) 98.3% pure[1,2]
Concentration by Spectrophotometer at OD_{280}	Report results	1.2 mg per mL[1,2]
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

[1]The 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.
[2]Two 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.

Figure 1



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

Date: 24 JUN 2015 **Signature:**

BEI Resources Authentication

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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