

**Monoclonal Anti-*Bacillus anthracis* Lethal Factor, Clone LF-9A11 (produced *in vitro*)**

**Catalog No. NR-12188**

**Product Description:** Antibody Class: IgG1κ

Monoclonal antibody prepared against recombinant lethal factor (rLF) from *Bacillus anthracis* (*B. anthracis*) was purified from hybridoma clone LF-9A11 supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of P3X63-Ag8 BALB/c mouse myeloma cells with splenocytes from female C57BL/6 x BALB/c F1 mice immunized intranasally with purified rLF.

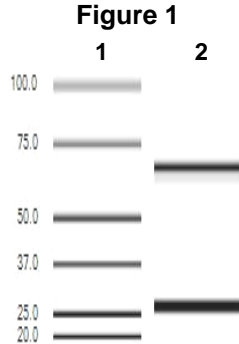
**Lot: 63819375**

**Manufacturing Date: 12NOV2015**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1κ
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 96.6% pure <sup>1,2</sup>
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.5 mg per mL <sup>1,2</sup>
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

<sup>1</sup>The P3X63-Ag8 myeloma cell line secretes the MOPC21 myeloma protein, a mouse IgG1κ antibody of unknown specificity. Thus, NR-12188 may contain both MOPC21 protein and *B. anthracis* LF-specific antibody of the IgG1κ isotype, as well as inactive hybrid immunoglobulins.

<sup>2</sup>The purity estimate and concentration given are for total IgG.



Lane 1: MW Markers (kDa)

Lane 2: NR-12188

**Date:** 05 FEB 2016

**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.

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.

