

**Monoclonal Anti-*Bacillus anthracis* Protective Antigen, Clone PA-3F11 (produced *in vitro*)**

**Catalog No. NR-12185**

**Product Description:** Antibody Class: IgG1κ

Monoclonal antibody prepared against recombinant protective antigen (rPA) from *Bacillus anthracis* (*B. anthracis*) was purified from hybridoma clone PA-3F11 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 rPA.

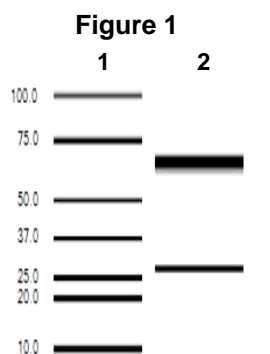
**Lot: 63819372**

**Manufacturing Date: 02DEC2015**

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) 98.8% pure <sup>1,2</sup>
Concentration by Spectrophotometer at OD <sub>280</sub>	Report results	1.3 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-12185 may contain both MOPC21 protein and *B. anthracis* PA-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-12185

**Date:** 05 FEB 2016

**Signature:**

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