

Monoclonal Anti-*Bacillus anthracis* Protective Antigen, Clone PA-27H11 (produced *in vitro*)

Catalog No. NR-12186

Product Description: Antibody Class: **IgG1k and IgG2bk**

Monoclonal antibody prepared against recombinant protective antigen (rPA) from *Bacillus anthracis* (*B. anthracis*) was purified from hybridoma clone PA-27H11 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: 63819373

Manufacturing Date: 17NOV2015

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG1k and IgG2bk ¹
Experion Pro260 Analysis	Correct molecular weight (MW) for heavy and light chains Report results	Correct MW for heavy and light chains (Figure 1) 97.6% pure ^{1,2}
Concentration by Spectrophotometer at OD ₂₈₀	Report results	1.4 mg per mL ^{1,2}
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

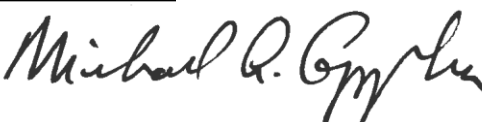
¹The P3X63-Ag8 myeloma cell line secretes the MOPC21 myeloma protein, a mouse IgG1k antibody of unknown specificity. Thus, NR-12186 contains both MOPC21 protein and *B. anthracis* PA-specific antibody of the IgG2bk isotype, as well as inactive hybrid immunoglobulins.

²The purity estimate and concentration given are for total IgG.



Lane 1: MW Markers (kDa)
Lane 2: NR-12186

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.

