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# Certificate of Analysis and Data Sheet

## Mouse Anti-Bacillus anthracis Protective Antigen (Anthrax)

**Catalog No.**  
MD-14-0743

**Host Animal:**  
Mouse

**Isotype:**  
IgG1

**Description:** MAb to B. anthracis (Prot. Ag)  
Monoclonal Antibody to Bacillus anthracis Protective Antigen

**Specificity:** Protective antigen Bacillus anthracis. Does not cross-react with lethal factor antigen of B. anthracis, Y. Pestis, F. Tularensis and Toxoplasma gondii.

**Host Animal:** Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.

**Isotype:** IgG1

**Source:** Ascites

**Immunogen:** Purified protective antigen of Bacillus anthracis (vaccine strain STI-1)

**Format:** Purified, Liquid

**Purification:** >95% pure (SDS-PAGE). Protein G chromatography

**Concentration:** 2.1mg/ml (OD280nm,  $E^{0.1\%} = 1.4$ )

**Affinity Constant:** Not determined

**Buffer:** PBS, pH 7.4

**Preservative:** 0.1% Sodium azide

**Applications:** Suitable for use in ELISA and Western blot. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

**Storage:** Store at 2–8°C.

**The products are furnished for LABORATORY RESEARCH USE ONLY.  
Not for diagnostic or therapeutic use.**