



# Meridian

## Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

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### SPECIFICATION SHEET

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** C86501M **Lot #:** 1K32511

**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, Toxoplasma gondii.

**Clone:** BAP0105

**Host Animal:** Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG<sub>1</sub>

**Source:** Ascites

**Immunogen:** Purified protective antigen of Bacillus anthracis

**Format:** Purified, Liquid

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

**Concentration:** 2.8mg/ml (OD280nm, E<sup>0.1%</sup> = 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.

Recommended antibody pair for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C86501M	C86601M

**Storage:** Store at 2-8°C.

**Warning:** This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

**FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES.**