



Meridian

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SPECIFICATION SHEET

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

Catalog #: C86501M **Lot #:** 2E12609

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:** IgG₁

Source: Ascites

Immunogen: Purified protective antigen of Bacillus anthracis

Format: Purified, Liquid

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

Concentration: 5.9mg/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.

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.