



Meridian

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Innovative Solutions. Trusted Partner.®

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SPECIFICATION SHEET

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

Catalog #: C86301M **Lot #:** 9D09609

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

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

Clone: BAP0103

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. **Isotype:** IgG_{2b}

Source: Ascites

Immunogen: Highly purified protective antigen of Bacillus anthracis (vaccine strain STI-1)

Format: Purified, Liquid

Purification: ≥95% pure. Protein G Sepharose chromatography. Purity is tested by electrophoresis.

Concentration: 1.7mg/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 immunoassay pairs for sandwich immunoassay:

<u>Capture</u>	<u>Detection</u>
C86613M	C86301M

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.