



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

5171 Wilfong Road
Memphis, TN 38134
Telephone: 901-382-8716
Fax: 901-333-8223
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

SPECIFICATION SHEET

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

Catalog #: C86702M **Lot #:** 2K31311

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

Specificity: Recognizes 92-94K protein bands in Western blot of B. Anthracis spore extract. No cross-reactivity found in ELISA with B. anthracis vegetative cells, B. globigii, B. subtilis and B. cereus spores.

Clone: SA27

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

Source: Ascites

Immunogen: B. anthracis spore extract

Format: Purified, Liquid

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

Concentration: 5.3mg/ml (OD280nm, E^{0.1%} = 1.4)

Affinity Constant: Not determined

Buffer: PBS, pH 7.2

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 pair for sandwich immunoassay.

<u>Capture</u>	<u>Detection</u>
C86910M	C86702M

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.