



Meridian

Life Science,® Inc.

Innovative Solutions. Trusted Partner.®

60 Industrial Park Road
Saco, ME 04072
Telephone: 207.283.6500
Fax: 207.283.4800
Email: info@meridianlifescience.com
www.MeridianLifeScience.com

SPECIFICATION SHEET

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

Catalog #: C86701M **Lot #:** 9D11909

Description: MAb to B. anthracis (LF)
Monoclonal Antibody to Bacillus anthracis Lethal Factor

Specificity: Lethal factor antigen of Bacillus anthracis. Does not cross-react with protective antigen of B. anthracis, Y. pestis, F. tularensis or T. gondii.

Clone: BAL0105

Host Animal: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. **Isotype:** IgG₁

Source: Ascites

Immunogen: Lethal factor antigen of Bacillus anthracis (vaccine strain STI-1)

Format: Purified, Liquid

Purification: ≥95% pure. Protein G chromatography

Concentration: 2.5mg/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>
C86710M	C86701M

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.