



RayBiotech, Inc.

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Norcross, GA 30092
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Certificate of Analysis and Data Sheet

Mouse Anti Anthrax

With HRP-conjugated Secondary Antibody

Catalog No.

DS-MB-00086

Target Species

Bacterial

Isotype

IgG2b

Preparation

Purification: Purified IgG prepared by affinity chromatography on Protein A

Formulation

Product Type: Monoclonal Antibody

Product Form: Purified IgG - liquid

Buffer Solution: Phosphate buffered saline

Preservative Stabilizers: 0.09% Sodium Azide (NaN_3)

Approx. Protein Concentrations: IgG concentration 0.1 mg/ml

Specificity

DS-MB-00086 is specific for the protective antigen (PA) of *Bacillus anthracis*, which is a component of the anthrax toxin.

Storage

Store at +4°C or at -20°C if preferred. This product should be stored undiluted.

Storage in frost free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Shelf Life: 18 months from date of shipment

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**



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Applications

Table Summary of antibody applications and working conditions

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
ELISA	•			1:20 - 1:200
Western Blotting			•	
IHC - Paraffin	•			1:10 - 1:50
IHC - Frozen			•	
Immunofluorescence	•			1:10 - 1:50

Note: Other applications are not tested yet. Optimal dilutions should be determined by each laboratory for each application.

Secondary Antibody Applications

Options Functions	YES	NO	Not determined	Recommended Work dilution or concentration
Immunoassay (ELISA, Western blot)	•			1:5000-1:10000

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