



RayBiotech, Inc.

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Certificate of Analysis and Data Sheet

Rabbit Anti Mycobacterium tuberculosis (all antigens)

Catalog No.
MD-05-0345

Species
Bacterium

Isotype
Rabbit IgG

Preparation

Immunogen: Purified PPD

Purification: >95% pure. Protein A chromatography

Specificity

Minimum of 2 major M. tuberculosis bands by immunoelectrophoresis (gamma & beta). Has not been absorbed and may react with related microorganisms. Reactive with other Mycobacteria species including M. avium, M. phlei, and M. parafortuitum. Crossreactive with Rhodococcus sp. Antibody is non-reactive with E. coli K12, Salmonella typhimurium, Pseudomonas aeruginosa, Streptococcus (group B), Candida albicans and Neisseria meningitidis.

Formulation

Format: Purified, Liquid

Concentration: 4-5mg/ml (OD_{280nm}, E^{0.1%} = 1.4)

Buffer: 0.01M PBS, pH 7.2. This product contains no stabilizing proteins.

Preservative: 0.1% Sodium azide

Storage

Short-term (up to 6 months) store at 2-8°C. Long term, aliquot and store at -20°C.

Centrifuge before opening to ensure complete recovery of vial contents.

Please avoid freeze-thaw cycles.

**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
Sandwich ELISA			.	
Western Blotting			.	
Immunohistology - frozen			.	
Immunohistology - paraffin	.			
Immunohistology - resin			.	
Immunoprecipitation			.	
Flow Cytometry			.	
Immunofluorescence staining	.			
Neutralization			.	

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

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