

Product datasheet for **BP2027**

Mycobacterium tuberculosis (all antigens) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC
Recommended Dilution:	Immunofluorescence. Immunohistochemistry on Paraffin Sections.
Reactivity:	Mycobacterium tuberculosis
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified PPD
Specificity:	Specific for Mycobacterium tuberculosis (all antigens). Minimum of 2 major M. tuberculosis bands by Immunoelectrophoresis (gamma & beta). This antiserum has not been adsorbed and may react with related species. Reactive with other Mycobacteria including M. avium, M. phlei, M. parafortitum. Non reactive with E. coli K12, Salmonella thyphimurium, Pseudomonas aeruginosa, Streptococcus B, Candida albicans, and Neisseria meningitidis.
Formulation:	0.01M PBS, pH 7.2 with 0.09% Sodium Azide as preservative. No stabilizing proteins added. State: Purified State: Liquid purified Ig fraction (>95% pure)
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:	Mycobacterium tuberculosis is the most common cause of tuberculosis. Primary infection begins with inhalation of 1 to 10 aerosolised bacilli. The pathogenicity of the organism is determined by its ability to escape host immune responses as well as eliciting delayed hypersensitivity. Alveolar macrophages engulf the invading cells but are unable to mount an effective defense. Several virulence factors are responsible for this apparent failure; most notably in the mycobacterial cell wall are the cord factor, lipoarabinomannan, and the 65 kd heat shock protein or HSP65.
Synonyms:	M. tuberculosis, TB