

Datasheet: OBT0947

**BATCH NUMBER 158370**

<b>Description:</b>	RABBIT ANTI MYCOBACTERIUM TUBERCULOSIS
<b>Specificity:</b>	MYCOBACTERIUM TUBERCULOSIS
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Flow Cytometry			▪	
Immunohistology - Frozen	▪			
Immunohistology - Paraffin	▪			
ELISA			▪	
Western Blotting			▪	

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 4.0 mg/ml
<b>Immunogen</b>	Purified protein derivative (PPD) from <i>M. tuberculosis</i>
<b>RRID</b>	AB_620694

**Specificity** Rabbit anti *Mycobacterium tuberculosis* polyclonal antibody recognizes PPD from *Mycobacterium tuberculosis*. Rabbit anti *M. tuberculosis* has not been cross absorbed and may react with related micro-organisms, however the antibody is non-reactive with *E.coli* K12, *Salmonella typhimurium*, *Pseudomonas aeruginosa*, *Streptococcus* (group B), *Candida albicans* and *Neisseria meningitidis*.

- References**
1. Ferrer, N.L. *et al.* (2009) Intracellular replication of attenuated *Mycobacterium tuberculosis* phoP mutant in the absence of host cell cytotoxicity. [Microbes Infect. 11: 115-22.](#)
  2. Sanchez, J. *et al.* (2011) Microscopical and Immunological Features of Tuberculoid Granulomata and Cavitory Pulmonary Tuberculosis in Naturally Infected Goats. [J Comp Pathol. 145: 107-17.](#)
  3. Buendía, A.J. *et al.* (2013) Ante-mortem diagnosis of caprine tuberculosis in persistently infected herds: influence of lesion type on the sensitivity of diagnostic tests. [Res Vet Sci. 95 \(3\): 1107-13.](#)
  4. Herrtwich, L. *et al.* (2016) DNA Damage Signaling Instructs Polyploid Macrophage Fate in Granulomas. [Cell. 167 \(5\): 1264-1280.e18.](#)
  5. BernardinSouibgui, C. *et al.* (2017) Virulence test using nematodes to prescreen *Nocardia* species capable of inducing neurodegeneration and behavioral disorders. [PeerJ. 5: e3823.](#)

**Storage** This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

**Guarantee** 12 months from date of despatch

**Health And Safety Information** Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/OBT0947>  
10040

**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

### Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](http://bio-rad-antibodies.com/datasheets)

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