

Datasheet: OBT0947

Description:	RABBIT ANTI MYCOBACTERIUM TUBERCULOSIS
Specificity:	MYCOBACTERIUM TUBERCULOSIS
Format:	Purified
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Bacterial
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 4.0 mg/ml
Immunogen	Purified protein derivative (PPD) from <i>M. tuberculosis</i>
Specificity	Rabbit anti <i>Mycobacterium tuberculosis</i> polyclonal antibody recognizes PPD from <i>Mycobacterium tuberculosis</i> . Rabbit anti <i>M. tuberculosis</i> has not been cross absorbed and may react with related micro-organisms, however the antibody is non-reactive with <i>E.coli</i> K12, <i>Salmonella typhimurium</i> , <i>Pseudomonas aeruginosa</i> , <i>Streptococcus</i> (group B), <i>Candida albicans</i> and <i>Neisseria meningitidis</i> .

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. Claire, B-S. *et al.* (2017) Virulence test using nematodes to prescreen *Nocardia* species capable of inducing neurodegeneration and behavioral disorders [PeerJ Preprints 5:e3152v1](#)

Storage	Store at +4°C or at -20°C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. 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 despatch.
Health And Safety Information	Material Safety Datasheet documentation #10303 available at: 10303: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight®488 , DyLight®549 , DyLight®649 , DyLight®680 , DyLight®800

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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