

## Datasheet: 9147-1007

<b>Description:</b>	RABBIT ANTI TREPONEMA PALLIDUM
<b>Specificity:</b>	TREPONEMA PALLIDUM
<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 (1)	▪			
Immunofluorescence	▪			
Gel Super Shift Assays			▪	

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 the appropriate negative/positive controls.

**(1) This product requires antigen retrieval using heat treatment prior to staining of paraffin sections. Sodium citrate buffer pH 6.0 is recommended for this purpose.**

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<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 5.0 mg/ml

<b>Immunogen</b>	Highly purified <i>Treponema pallidum</i>
<b>RRID</b>	AB_620719
<b>Specificity</b>	<b>Rabbit anti <i>Treponema pallidum</i> antibody</b> recognizes all <i>Treponema pallidum</i> antigens. This antibody has not been absorbed and may react with related targets. Rabbit anti <i>Treponema pallidum</i> antibody has been shown to cross-react with antigens from the related spirochete, <i>Brachyspira</i> sp. ( <a href="#">De Brito et al. 1996</a> ).
<b>References</b>	<ol style="list-style-type: none"> <li>1. Tanahashi, J. <i>et al.</i> (2008) Human intestinal spirochetosis in Japan; its incidence, clinicopathologic features, and genotypic identification. <a href="#">Mod Pathol. 21: 76-84.</a></li> <li>2. Tamura, S. <i>et al.</i> (2008) A case of primary oropharyngeal and gastric syphilis mimicking oropharyngeal cancer. <a href="#">Endoscopy. 40 Suppl 2: E235-6.</a></li> <li>3. Omori, S. <i>et al.</i> (2014) Human intestinal spirochetosis is significantly associated with sessile serrated adenomas/polyps. <a href="#">Pathol Res Pract. 210 (7): 440-3.</a></li> <li>4. Young, J.P. <i>et al.</i> (2016) Human intestinal spirochetosis and its relationship to sessile serrated adenomas in an Australian population. <a href="#">Pathol Res Pract. 212 (8): 751-3.</a></li> <li>5. Noguchi, H. <i>et al.</i> (2021) Detection of <i>Treponema pallidum</i>. by immunocytochemistry of cervical smear: A case report. <a href="#">Diagn Cytopathol. 49 (12): E443-E446.</a></li> <li>6. Drago, F. <i>et al.</i> (2017) First report of tertiary syphilis presenting as lipoatrophic panniculitis in an immunocompetent patient. <a href="#">Int J STD AIDS. 28 (4): 408-10.</a></li> </ol>
<b>Storage</b>	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/9147-1007">https://www.bio-rad-antibodies.com/SDS/9147-1007</a> 10040
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

### 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](https://www.bio-rad-antibodies.com/datasheets)

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