

## 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 4.0mg/ml
<b>Immunogen</b>	Highly purified <i>Treponema pallidum</i>
<b>RRID</b>	AB_620719

**Specificity** **Rabbit anti *Treponema pallidum* antibody** recognizes all *Treponema pallidum* antigens. This antibody has not been absorbed and may react with related targets. Rabbit anti *Treponema*

*pallidum* antibody has been shown to cross-react with antigens from the related spirochete, *Brachyspira* sp. (De Brito *et al.* 1996).

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## References

1. Tamura, S. *et al.* (2008) A case of primary oropharyngeal and gastric syphilis mimicking oropharyngeal cancer. [Endoscopy. 40 Suppl 2: E235-6.](#)
2. Tanahashi, J. *et al.* (2008) Human intestinal spirochetosis in Japan; its incidence, clinicopathologic features, and genotypic identification. [Mod Pathol. 21: 76-84.](#)
3. Omori, S. *et al.* (2014) Human intestinal spirochetosis is significantly associated with sessile serrated adenomas/polyps. [Pathol Res Pract. 210 \(7\): 440-3.](#)
4. Young JP *et al.* (2015) Human intestinal spirochetosis and its relationship to sessile serrated adenomas in an Australian population. [Pathol Res Pract. 2015 Sep 8. pii: S0344-0338\(15\)00178-8. \[Epub ahead of print\]](#)

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## 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.

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## Guarantee

12 months from date of despatch

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## Health And Safety Information

Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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## Regulatory

For research purposes only

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## Related Products

### Recommended Secondary Antibodies

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)  
Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)  
Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)  
Sheep Anti Rabbit IgG (STAR35...) [RPE](#)  
Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)

### Recommended Useful Reagents

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

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