

Datasheet: 9147-1007

BATCH NUMBER 168635

Description:	RABBIT ANTI TREPONEMA PALLIDUM
Specificity:	TREPONEMA PALLIDUM
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 (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.

Target Species	Bacterial
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein	IgG concentration 5.0 mg/ml

Concentrations

Immunogen Highly purified *Treponema pallidum*

RRID 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](#)).

References

1. Tanahashi, J. *et al.* (2008) Human intestinal spirochetosis in Japan; its incidence, clinicopathologic features, and genotypic identification. [Mod Pathol. 21: 76-84.](#)
2. Tamura, S. *et al.* (2008) A case of primary oropharyngeal and gastric syphilis mimicking oropharyngeal cancer. [Endoscopy. 40 Suppl 2: E235-6.](#)
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, J.P. *et al.* (2016) Human intestinal spirochetosis and its relationship to sessile serrated adenomas in an Australian population. [Pathol Res Pract. 212 \(8\): 751-3.](#)
5. Noguchi, H. *et al.* (2021) Detection of *Treponema pallidum*. by immunocytochemistry of cervical smear: A case report. [Diagn Cytopathol. 49 \(12\): E443-E446.](#)
6. Drago, F. *et al.* (2017) First report of tertiary syphilis presenting as lipoatrophic panniculitis in an immunocompetent patient. [Int J STD AIDS. 28 \(4\): 408-10.](#)

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/9147-1007>
10040

Regulatory 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 \(BUF025A\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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