

Datasheet: 1439-9406

**BATCH NUMBER 166677**

<b>Description:</b>	RABBIT ANTI BORRELIA BURGENDORFERI
<b>Specificity:</b>	BORRELIA BURGENDORFERI
<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	▪			
Immunofluorescence	▪			

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.

<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 5.0 mg/ml
<b>Immunogen</b>	Whole cell preparation from <i>B. burgdorferi</i> .

**Specificity** Rabbit anti *Borrelia burgdorferi* recognizes one of the causative agents of Lyme disease. *B. burgdorferi* is a spirochaete bacterium and one of the few pathogenic bacteria capable of surviving in the absence of iron.

This antibody cross reacts with *Treponema pallidum*, *Borrelia hermsii* and *Borrelia parkeri*.

- References**
1. De Socio, G.V. *et al.* (2011) Malignant syphilis with ocular involvement in an HIV-infected patient. [Int J STD AIDS. 22: 298-300.](#)
  2. Drago, F. *et al.* (2015) Primary syphilis of the oropharynx: an unusual location of a chancre. [Int J STD AIDS. 26 \(9\): 679-81.](#)
  3. Drago, F. *et al.* (2012) Luetic lymphadenopathy despite negative serology [Int J STD AIDS. 23: 601-2.](#)
  4. Haedersdal, M. & Weismann, K. (2000) Syphilitic chancre despite use of condoms: "condom chancre". [Acta Derm Venereol. 80 \(3\): 235-6.](#)
  5. Janus, I. *et al.* (2014) Myocarditis in dogs: etiology, clinical and histopathological features (11 cases: 2007-2013). [Ir Vet J. 67 \(1\): 28.](#)
  6. Briciu, V.T. *et al.* (2016) Immunohistochemistry and real-time PCR as diagnostic tools for detection of *Borrelia burgdorferi* sensu lato in ticks collected from humans. [Exp Appl Acarol. 69 \(1\): 49-60.](#)

**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/1439-9406>  
10040

**Regulatory** For research purposes only

## Related Products

### Recommended Secondary Antibodies

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

### Recommended Useful Reagents

- [ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)  
[TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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

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