

## Datasheet: 1439-9406

<b>Description:</b>	RABBIT ANTI BORRELIA BURGDORFERI
<b>Specificity:</b>	BORRELIA BURGDORFERI
<b>Format:</b>	Purified
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

**RRID** AB\_620661

**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.

**Target Species** Bacterial

**Product Form** Purified IgG - liquid

**Buffer Solution** Phosphate buffered saline

**Preservative Stabilisers** 0.1% Sodium Azide (NaN<sub>3</sub>)

**Approx. Protein Concentrations** 4 mg/ml

**Immunogen** Whole cell preparation from *B. burgdorferi*.

**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** 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.

**Guarantee** 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](#)
- 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 (2AB02...) [Biotin](#)
- 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 \(BUF025C\)](#)
- [TidyBlot WESTERN BLOT DETECTION REAGENT:HRP \(STAR209P\)](#)

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