

## Datasheet: OBT0943B

<b>Description:</b>	RABBIT ANTI LEGIONELLA SPP:Biotin
<b>Specificity:</b>	LEGIONELLA SPP
<b>Format:</b>	Biotin
<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	▪			1/400 - 1/2000
Western Blotting			▪	
Immunofluorescence	▪			1/800

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 appropriate negative/positive controls.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG conjugated to Biotin - 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 of <i>Legionella pneumophila</i> ATCC#33152
<b>RRID</b>	AB_616743

**Specificity**                    **Rabbit anti Legionella SPP antibody** recognizes *Legionella* spp, recognizing multiple antigens, and has been shown to be reactive with serogroups 1-12.

Rabbit anti Legionella SPP antibody is not absorbed, so may cross-react with related microorganisms.

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**References**                    1. Yáñez, M.A. *et al.* (2005) Quantitative detection of Legionella pneumophila in water samples by immunomagnetic purification and real-time PCR amplification of the dotA gene. [Appl Environ Microbiol. 71: 3433-41.](#)  
2. Allegra, S. *et al.* (2011) Evaluation of an immunomagnetic separation assay in combination with cultivation to improve Legionella pneumophila serogroup 1 recovery from environmental samples. [J Appl Microbiol. 110: 952-961.](#)

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**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.

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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: <https://www.bio-rad-antibodies.com/SDS/OBT0943B>  
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**Regulatory**                    For research purposes only

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