

## Datasheet: NB-47-00620-200UG

<b>Description:</b>	MOUSE ANTI LEGIONELLA PNEUMOPHILA SEROGROUP 1
<b>Specificity:</b>	LEGIONELLA PNEUMOPHILA SEROGROUP 1
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	LP46
<b>Isotype:</b>	IgG3
<b>Quantity:</b>	0.2 mg

## 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.neo-biotech.com](http://www.neo-biotech.com).

	Yes	No	Not Determined	Suggested Dilution
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>Preparation</b>	Purified Ig prepared by affinity chromatography on Protein A from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Native.

RRID AB\_619109

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**Specificity** **Mouse anti Legionella pneumophila serogroup 1 antibody, clone LP46** is reactive with strains belonging to serogroup 1 (SG1) from the Pontiac 1, Benidorm and Knoxville strains. It also reacts with SG1 from the Philadelphia strain. No reactivity other serogroups or with *L. erythra*, *L. dumoffii*, or *Pseudomonas aeruginosa* has been detected.

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**References** 1. Cooper, I.R. *et al.* (2009) The rapid and specific real-time detection of Legionella pneumophila in water samples using Optical Waveguide Lightmode Spectroscopy. [J Microbiol Methods. 78: 40-4.](#)

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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: [www.neo-biotech.com](http://www.neo-biotech.com) .

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**Regulatory** For research purposes only

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