

Datasheet: 5625-0066

BATCH NUMBER 159116

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| Description: | MOUSE ANTI LEGIONELLA PNEUMOPHILA SEROGROUP 1 |
| Specificity: | LEGIONELLA PNEUMOPHILA SEROGROUP 1 |
| Format: | Purified |
| Product Type: | Monoclonal Antibody |
| Clone: | LP46 |
| Isotype: | IgG3 |
| Quantity: | 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.bio-rad-antibodies.com/protocols.

| | 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.

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| Target Species | Bacterial |
| Product Form | Purified IgG - liquid |
| Preparation | Purified Ig prepared by affinity chromatography on Protein A |
| Buffer Solution | Phosphate buffered saline |
| Preservative Stabilisers | 0.09% Sodium Azide (NaN ₃) |
| Carrier Free | Yes |
| Approx. Protein Concentrations | IgG concentration 1.0 mg/ml |
| Immunogen | Native. |

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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 <i>L. erythra</i> , <i>L. dumoffii</i> , or <i>Pseudomonas aeruginosa</i> has been detected. |
| References | 1. Cooper, I.R. <i>et al.</i> (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. |
| 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/5625-0066 10040 |
| Regulatory | For research purposes only |

Related Products

Recommended Secondary Antibodies

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|---|---|
| Rabbit Anti Mouse IgG (STAR12...) | RPE |
| Goat Anti Mouse IgG IgA IgM (STAR87...) | HRP |
| Goat Anti Mouse IgG (STAR76...) | RPE |
| Rabbit Anti Mouse IgG (STAR13...) | HRP |
| Goat Anti Mouse IgG (STAR70...) | FITC |
| Goat Anti Mouse IgG (H/L) (STAR117...) | Alk. Phos. , DyLight®488 , DyLight®550 , DyLight®650 , DyLight®680 , DyLight®800 , FITC , HRP |
| Rabbit Anti Mouse IgG (STAR9...) | FITC |
| Goat Anti Mouse IgG (STAR77...) | HRP |
| Goat Anti Mouse IgG (Fc) (STAR120...) | FITC , HRP |

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