

Product datasheet for **AM01173PU-N**

Legionella pneumophila (Serogroup 1) Mouse Monoclonal Antibody [Clone ID: LP46]

Product data:

Product Type:	Primary Antibodies
Clone Name:	LP46
Applications:	IF
Recommended Dilution:	Immunofluorescence.
Reactivity:	Legionella pneumophila
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Native.
Specificity:	Strongly reactive with SG1 (Pontiac 1, Benidorm, Knoxville). Also reacts with SG1 (Philadelphia). No other serogroups reactive. No reactivity with <i>L. erythra</i> , <i>L. dumoffii</i> , <i>E. colior Pseudomonas aeruginosa</i> .
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

Legionella pneumophila is a flagellated gram negative bacterium found primarily in warm water environments. Legionella pneumophila causes a type of pneumonia called Legionnaire disease and a milder condition called Pontiac fever. Infection is acquired through inhalation of the microorganism in water mists (e.g. from air conditioning, cooling towers, whirlpool spas and showers mists). A number of risk factors for acquiring Legionnaire disease have been identified, including age, smoking, chronic lung disease, cancer, and immunosuppression.