

## Product datasheet for **BM1186**

### Legionella pneumophila (Serogroup 4) (10+14 weak) Mouse Monoclonal Antibody [Clone ID: LP101]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	LP101
Applications:	IF
Recommended Dilution:	<b>Immunofluorescence.</b>
Reactivity:	Legionella pneumophila
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Legionella pneumophila serogroups 4,10,14.
Specificity:	This antibody is specific for <i>Legionella pneumophila</i> SS4 (Los Angeles 1). This antibody also has some minor reactivity with SG14 (1586-SCT-H) and SG10 (Leiden). There is no cross reactivity with SG1, 3, 5, 6, 7, 9, 11, 12 or 13, <i>Listeria erythra</i> , <i>Listeria dumoffii</i> , <i>Escherichia coli</i> or <i>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 G
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.