

Product datasheet for **BP2021B**

Legionella pneumophila Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IF, WB
Recommended Dilution:	Fluorescence microscopy (Titer > 1/800 by indirect IFA with acetone-fixed organisms). Immunoblotting. ELISA.
Reactivity:	Legionella pneumophila
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	A whole cell preparation of Legionella pneumophila; ATCC #33152
Specificity:	Reacts with L. pneumophila serogroups 1-12. Recognizes all antigens of intact microorganism. Antiserum is not absorbed and may crossreact with related microorganisms.
Formulation:	0.01 M PBS, pH 7.2 Label: Biotin State: Liquid purified Ig fraction. Stabilizer: None Preservative: 0.09% Sodium Azide Label: IgG fraction is covalently coupled with the N-Hydroxysuccinimide ester of under mild conditions to give a high degree of substitution
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody 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.