

Product datasheet for **BP2021F**

Legionella pneumophila Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	Fluorescence microscopy (Titer: >1:800 by indirect IFA vs. acetone-fixed organisms).
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 cross react with related microorganisms.
Formulation:	0.01 M PBS pH 7.2 with 10 mg/ml BSA and 0.09% sodium azide as preservative. Label: FITC State: Liquid purified Ig fraction (>95% pure). Label: High purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
Concentration:	lot specific
Purification:	Protein A chromatography.
Conjugation:	FITC
Storage:	Store the antibody at 2-8°C under subdued light for one month or (in aliquots) at -20°C for longer. This product is phototsensitive and should be protected from light. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
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.



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