

BP2021**Polyclonal Antibody to Legionella pneumophila - Ig Fraction****Quantity:**

1 ml

Concentration:

4-5 mg/ml (OD280 nm, E0.1%=1.4)

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.

Host:

Rabbit

Immunogen:A whole cell preparation of *Legionella pneumophila* ATCC #33152**Format:****State:** Liquid purified Ig fraction (> 95% pure)**Purification:** Affinity Chromatography on Protein A**Buffer System:** 0.01M PBS, pH 7.2**Preservatives:** 0.09% Sodium Azide**Stabilizers:** None**Applications:****Fluorescence Microscopy** (Acetone-Fixed organisms).**Western blot.****ELISA.**

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Reacts with *Legionella Pneumophila* serogroups 1-12 in IFA. Recognizes all antigens of intact microorganism.

Antiserum is not absorbed and may cross react with related microorganisms.

Storage:

Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.