

## Polyclonal Antibody to Legionella pneumophila - FITC

<b>Catalog No.:</b>	BP2021F
<b>Quantity:</b>	1 ml
<b>Concentration:</b>	4-5 mg/ml (OD280 nm, E0.1%=1.4)
<b>Background:</b>	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.
<b>Host:</b>	Rabbit
<b>Immunogen:</b>	A whole cell preparation of Legionella pneumophila; ATCC #33152
<b>Format:</b>	<b>State:</b> Liquid purified Ig fraction (>95% pure). <b>Purification:</b> Protein A chromatography. <b>Buffer System:</b> 0.01 M PBS pH 7.2 with 10 mg/ml BSA and 0.09% sodium azide as preservative. <b>Label:</b> FITC – High purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product
<b>Applications:</b>	Fluorescence microscopy (Titer: >1:800 by indirect IFA vs. acetone-fixed organisms). Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	Reacts with L. pneumophila serogroups 1-12. Recognizes all antigens of intact microorganism. Antiserum is not absorbed and may cross react with related microorganisms.
<b>Storage:</b>	Store the antibody at 2-8°C under subdued light for one month or (in aliquots) at -20°C for longer. This product is photot-sensitive and should be protected from light. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

**For research and in vitro use only. Not for diagnostic or therapeutic work.**

Material Safety Datasheets are available at [www.acris-antibodies.com](http://www.acris-antibodies.com) or on request.

Antibody Hotline - Technical Questions - Antibody Location Service  
Free Call: 0800-2274746 (Germany only) - [www.acris-antibodies.com](http://www.acris-antibodies.com)