

**SP2176****Polyclonal Antibody to Legionella Sp.**

<b>Quantity:</b>	1 ml
<b>Concentration:</b>	4.0 mg/ml
<b>Background:</b>	<i>Legionella pneumophila</i> 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 / Isotype:</b>	Rabbit / IgG
<b>Immunogen:</b>	A whole cell preparation of <i>Legionella pneumophila</i> ATCC#33152
<b>Format:</b>	<b>State:</b> Liquid purified IgG fraction <b>Buffer System:</b> PBS <b>Preservatives:</b> 0.09% Sodium Azide
<b>Applications:</b>	<b>ELISA:</b> 1/400-1/2000. <b>Immunohistochemistry on Frozen Sections:</b> 1/200-1/800. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	This Legionella SPP antibody recognizes <i>Legionella</i> spp, recognizing multiple antigens, and has been shown to be reactive with serogroups 1-12. This antibody is not absorbed, so may cross-react with related microorganisms.
<b>Storage:</b>	Store undiluted 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.
<b>General Readings:</b>	1. Yáñez MA, Carrasco-Serrano C, Barberá VM, Catalán V. Quantitative detection of Legionella pneumophila in water samples by immunomagnetic purification and real-time PCR amplification of the dotA gene. Appl Environ Microbiol. 2005 Jul;71(7):3433-41. PubMed PMID: 16000746.