

## Product datasheet for **AP05947HR-N**

### Legionella pneumophila Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	ELISA, IHC, WB
Recommended Dilution:	<b>ELISA:</b> 1/100-1/500. <b>Immunoblotting.</b> <b>Immunohistochemistry on Frozen Sections:</b> 1/10-1/100.
Reactivity:	Legionella pneumophila
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A whole cell preparation of <i>Legionella pneumophila</i> ; ATCC#33152
Specificity:	This Legionella SPP antibody is specific for <i>Legionella spp</i> 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.
Formulation:	PBS, pH 7.2 Label: HRP State: Liquid Ig fraction Stabilizer: 1.0% w/v BSA Preservative: 0.002% Thimerosal Label: Horseradish Peroxidase
Concentration:	lot specific
Conjugation:	HRP
Storage:	Store 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.