Product datasheet

anti-Legionella pneumophila Type 1 mouse monoclonal, EBS-I-104, purified

Short overview

Cat. No.	691646
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG3 kappa
Clone	EBS-I-104
Immunogen	Sonicated Legionella pneumophila type 1
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, ICC/IF, IHC
Reactivity	L. pneumophila serogroup 1

Applications

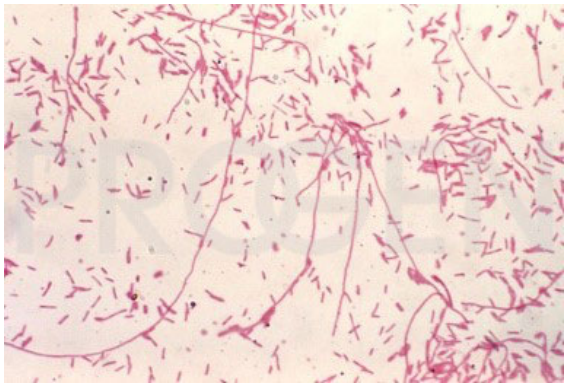
ELISA	Assay dependent
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

LP46 reacts with serogroup 1 (SG1) from the Pontiac 1, Benidorm and Knoxville strains. It reacts with SG1 from the Philadelphia strain. No reactivity with other serogroups or with L. erythra, L. dumoffii, or Pseudomonas aeruginosa. 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.

Positive control: L. pneumophila type 1 extract or infected cells or tissue.

Product images



Legionella pneumophila