

Product datasheet

Anti-*Legionella pneumophila* serogroup 1 antibody ab79442

Overview

Product name	Anti- <i>Legionella pneumophila</i> serogroup 1 antibody
Description	Rabbit polyclonal to <i>Legionella pneumophila</i> serogroup 1
Host species	Rabbit
Specificity	Specific to <i>Legionella pneumophila</i> Serogroup 1 antigen
Tested applications	Suitable for: Agglutination
Species reactivity	<i>Legionella pneumophila</i> serotype 1
Immunogen	Tissue/ cell preparation of <i>Legionella pneumophila</i> serotype 1 (heat inactivated).
Positive control	Antigenic suspension
General notes	Reagents should be allowed to stand at 15°C-25°C for at least 30 minutes prior to use.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	Preservative: 0.08% Sodium Azide Constituents: Whole serum
Purity	Whole antiserum
Clonality	Polyclonal
Isotype	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab79442** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes

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Agglutination		Use at an assay dependent concentration. See attached protocol.

Target

Relevance

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. This target relates to serogroup 1.

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