

Datasheet for ABIN934080

anti-Legionella Pneumophila antibody[Go to Product page](#)**1** Publication

Overview

Quantity:	200 µg
Target:	Legionella Pneumophila
Reactivity:	Legionella pneumophila
Host:	Mouse
Clonality:	Monoclonal
Application:	ELISA, Western Blotting (WB), Indirect Immunofluorescence Assay (IFA), Immunohistochemistry (IHC)

Product Details

Immunogen:	Legionella pneumophila antibody was raised in mouse using Legionella pneumophila as the immunogen.
Clone:	601129
Isotype:	IgG3
Cross-Reactivity (Details):	Serogroup 1 strains: Pontiac, Heysham, Camperdown, Philadelphia, Oxford, Allentown, Benidorm, France, Knoxville, Bellingham and OLDA. Does not react with the other L. pneumophila serogroups.
Purification:	Protein A affinity chromatography
Purity:	> 90 % pure

Target Details

Target:	Legionella Pneumophila
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Target Details

Abstract:	Legionella Pneumophila Products
Target Type:	Bacteria
Background:	Legionella pneumophila is a thin, pleomorphic, flagellated Gram-negative bacterium of the genus Legionella. L. pneumophila is the primary human pathogenic bacterium in this group and is the causative agent of legionellosis or Legionnaires' disease. Synonyms: Monoclonal Legionella pneumophila antibody, Anti-Legionella pneumophila antibody, Legionella antibody.

Application Details

Application Notes:	ELISA: 1:20-1:200, IFA: 1:10-1:50, IHC: 1:10-1:50, WB: 1:10-1:50 Optimal conditions should be determined by the investigator.
Comment:	10-L45B1 can be used as a capture or coating antibody with 10-L45D also as the capture or coating antibody in ELISA and IFA.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid in 0.01 M phosphate buffered saline, pH 7.2 with 0.1 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze/thaw cycles. Dilute only prior to immediate use.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20 °C.

Publications

Product cited in:	Oh, Kim, Lee, Bae, Lee, Choi: "Immunosensor for detection of Legionella pneumophila using surface plasmon resonance." in: Biosensors & bioelectronics , Vol. 18, Issue 5-6, pp. 605-11, (2003) (PubMed).
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