

Datasheet: 6400-2227

**BATCH NUMBER 161423**

<b>Description:</b>	RABBIT ANTI MYCOPLASMA PNEUMONIAE:Biotin
<b>Specificity:</b>	MYCOPLASMA PNEUMONIAE
<b>Format:</b>	Biotin
<b>Product Type:</b>	Polyclonal Antibody
<b>Isotype:</b>	Polyclonal IgG
<b>Quantity:</b>	1 ml

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
ELISA			▪	
Western Blotting			▪	
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Bacterial
<b>Species Cross Reactivity</b>	Does not react with:Human, Bovine
<b>Product Form</b>	Purified IgG conjugated to Biotin - liquid
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.1% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 4.0 mg/ml

<b>Immunogen</b>	Purified <i>Mycoplasma pneumoniae</i>
<b>RRID</b>	AB_619852
<b>Specificity</b>	<p><b>Rabbit anti <i>Mycoplasma pneumoniae</i> antibody</b> recognises <i>M. pneumoniae</i>, a bacterium which is distinguished phenotypically from other bacteria by lacking a peptidoglycan cell wall. <i>M. pneumoniae</i> is exclusively a human pathogen, and primarily attaches to mucosa in the upper and lower respiratory tract. It is transmitted by respiratory droplets, and infection can cause bronchial asthma, bronchitis and pneumonia. Central nervous system (CNS) manifestations are the most frequent extrapulmonary complications, and include encephalitis, aseptic meningitis, cerebellar ataxia, and myelitis.</p> <p>Rabbit anti <i>Mycoplasma pneumoniae</i> antibody has not been cross absorbed and may react with related microorganisms.</p>
<b>Storage</b>	<p>This product is shipped at ambient temperature. It is recommended to aliquot and store at -20°C on receipt. When thawed, aliquot the sample as needed. Keep aliquots at 2-8°C for short term use (up to 4 weeks) and store the remaining aliquots at -20°C.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: <a href="https://www.bio-rad-antibodies.com/SDS/6400-2227">https://www.bio-rad-antibodies.com/SDS/6400-2227</a> 10040
<b>Regulatory</b>	For research purposes only

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To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)  
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