

Datasheet: 6400-2227

Description:	RABBIT ANTI MYCOPLASMA PNEUMONIAE:Biotin
Specificity:	MYCOPLASMA PNEUMONIAE
Format:	Biotin
Product Type:	Polyclonal Antibody
Isotype:	Polyclonal IgG
Quantity:	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.

	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.

Target Species	Bacterial
Species Cross Reactivity	Does not react with:Human, Bovine
Product Form	Purified IgG conjugated to Biotin - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	Protein Concentration 5.0 mg/ml
Immunogen	Purified <i>Mycoplasma pneumoniae</i>

Specificity

Rabbit anti *Mycoplasma pneumoniae* antibody recognises *M. pneumoniae*, a bacterium which is distinguished phenotypically from other bacteria by lacking a peptidoglycan cell wall. *M. pneumoniae* 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.

Rabbit anti *Mycoplasma pneumoniae* antibody has not been cross absorbed and may react with related microorganisms.

Storage

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

Guarantee

12 months from date of despatch

Health And Safety Information

Material Safety Datasheet documentation #10040 available at:
<https://www.bio-rad-antibodies.com/SDS/6400-2227>
10040

Regulatory

For research purposes only

North & South America

Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

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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