

## Datasheet: 1990-2809

<b>Description:</b>	MOUSE ANTI CHLAMYDIA TRACHOMATIS LPS
<b>Specificity:</b>	CHLAMYDIA TRACHOMATIS LPS
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	1312/236
<b>Isotype:</b>	IgG1
<b>Quantity:</b>	0.2 mg

## 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
ELISA	▪			
Western Blotting	▪			

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>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein A
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Carrier Free</b>	Yes
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml
<b>Immunogen</b>	Native.
<b>Specificity</b>	<b>Mouse anti Chlamydia trachomatis LPS, clone 1312/236</b> recognizes <i>C. trachomatis</i> lipopolysaccharide. In a simple ELISA this antibody is reactive with 15 serovars of <i>C. trachomatis</i> . The epitope has been shown by Western blotting to be present in LPS.
<b>References</b>	1. Dlugosz, A. <i>et al.</i> (2010) <i>Chlamydia trachomatis</i> antigens in enteroendocrine cells and

macrophages of the small bowel in patients with severe irritable bowel syndrome. [BMC Gastroenterol. 10:19.](#)

2. Mosolygó, T. *et al.* (2013) IL-17E production is elevated in the lungs of Balb/c mice in the later stages of *Chlamydia muridarum* infection and re-infection. [In Vivo. 27 \(6\): 787-92.](#)

3. Bogdanov, A. *et al.* (2014) Application of DNA chip scanning technology for automatic detection of *Chlamydia trachomatis* and *Chlamydia pneumoniae* inclusions. [Antimicrob Agents Chemother. 58 \(1\): 405-13.](#)

4. Mosolygó, T. *et al.* (2014) Expression of *Chlamydia muridarum* plasmid genes and immunogenicity of pGP3 and pGP4 in different mouse strains. [Int J Med Microbiol. 304 \(3-4\): 476-83.](#)

5. Balogh, E.P. *et al.* (2014) Anti-chlamydial effect of plant peptides. [Acta Microbiol Immunol Hung. 61 \(2\): 229-39.](#)

6. Mosolygó T *et al.* (2014) Protection promoted by pGP3 or pGP4 against *Chlamydia muridarum* is mediated by CD4(+) cells in C57BL/6N mice. [Vaccine. 32 \(40\): 5228-33.](#)

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**Storage** Store at +4°C or at -20°C if preferred.  
Storage in frost-free freezers is not recommended.  
This product should be stored undiluted.  
Avoid repeated freezing and thawing as this may denature the antibody.  
Should this product contain a precipitate we recommend microcentrifugation before use.

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**Shelf Life** 18 months from date of despatch.

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**Health And Safety Information** Material Safety Datasheet documentation #10040 available at:  
10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

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**Regulatory** For research purposes only

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## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR76...) [RPE](#)  
Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)  
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@549](#),  
[DyLight@649](#), [DyLight@680](#), [DyLight@800](#),  
[FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)  
Goat Anti Mouse IgG (STAR77...) [HRP](#)  
Rabbit Anti Mouse IgG (STAR12...) [RPE](#)  
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)  
Rabbit Anti Mouse IgG (STAR8...) [DyLight@800](#)  
Goat Anti Mouse IgG (STAR70...) [FITC](#)  
Rabbit Anti Mouse IgG (STAR13...) [HRP](#)  
Human Anti Mouse IgG1 (HCA036...) [HRP](#)

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