

Datasheet: 1990-2809

BATCH NUMBER 154987

Description:	MOUSE ANTI CHLAMYDIA TRACHOMATIS LPS
Specificity:	CHLAMYDIA TRACHOMATIS LPS
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	1312/236
Isotype:	IgG1
Quantity:	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.

	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.

Target Species	Bacterial
Product Form	Purified IgG - liquid
Preparation	Purified IgG prepared by affinity chromatography on Protein A
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Carrier Free	Yes
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml
Immunogen	Native.

RRID	AB_618921
Specificity	Mouse anti Chlamydia trachomatis LPS, clone 1312/236 recognizes C. trachomatis lipopolysaccharide. In a simple ELISA this antibody is reactive with 15 serovars of C. trachomatis. The epitope has been shown by Western blotting to be present in LPS.
References	<ol style="list-style-type: none"> 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. <i>et al.</i> (2013) IL-17E production is elevated in the lungs of Balb/c mice in the later stages of <i>Chlamydia muridarum</i> infection and re-infection. In Vivo. 27 (6): 787-92. 3. Bogdanov, A. <i>et al.</i> (2014) Application of DNA chip scanning technology for automatic detection of <i>Chlamydia trachomatis</i> and <i>Chlamydia pneumoniae</i> inclusions. Antimicrob Agents Chemother. 58 (1): 405-13. 4. Mosolygó, T. <i>et al.</i> (2014) Expression of <i>Chlamydia muridarum</i> 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. <i>et al.</i> (2014) Anti-chlamydial effect of plant peptides. Acta Microbiol Immunol Hung. 61 (2): 229-39. 6. Mosolygó T <i>et al.</i> (2014) Protection promoted by pGP3 or pGP4 against <i>Chlamydia muridarum</i> is mediated by CD4(+) cells in C57BL/6N mice. Vaccine. 32 (40): 5228-33.
Storage	<p>Store at +4°C or at -20°C if preferred.</p> <p>Storage in frost-free freezers is not recommended.</p> <p>This product should be stored undiluted.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody.</p> <p>Should this product contain a precipitate we recommend microcentrifugation before use.</p>
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/1990-2809 10040
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Rabbit Anti Mouse IgG (STAR12...)	RPE
Goat Anti Mouse IgG IgA IgM (STAR87...)	HRP
Goat Anti Mouse IgG (STAR76...)	RPE
Rabbit Anti Mouse IgG (STAR13...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC
Goat Anti Mouse IgG (H/L) (STAR117...)	Alk. Phos. , DyLight@488 , DyLight@550 , DyLight@650 , DyLight@680 , DyLight@800 , FITC , HRP

Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
Goat Anti Mouse IgG (STAR77...) [HRP](#)
Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

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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

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