

Datasheet: 0400-0027

Description:	MOUSE ANTI LISTERIA MONOCYTOGENES
Specificity:	LISTERIA MONOCYTOGENES
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	LZF7 (BGN/0884/67)
Isotype:	IgG2a
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin			▪	
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 G from ascites
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	<0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	IgG concentration 1.0 mg/ml

Immunogen	<i>Listeria monocytogenes</i> , outer membrane fraction.
RRID	AB_619120
Specificity	<p>Mouse anti <i>Listeria monocytogenes</i> antibody, clone LZF7 recognizes both intact <i>Listeria sp</i> and outer membrane preparations reacting with a ~37 kDa protein in western blotting. Mouse anti <i>Listeria monocytogenes</i> antibody, clone LZF7 recognizes strains of <i>Listeria monocytogenes</i>.</p> <p>Mouse anti <i>Listeria monocytogenes</i> antibody, clone LZF7 has also been shown to cross-react with other <i>Listeria</i> species including <i>L. innocua</i> , <i>L. ivanovii</i> and <i>L. welshimeri</i> .</p>
ELISA	This product is suitable for use as a detection antibody in a sandwich ELISA, with 0400-0030 as the coating antibody. Please note, the activity of this antibody is reduced on boiling of the bacteria.
Western Blotting	0400-0027 detects a band of approximately 23kDa in reduced blots of cell fragments.
References	<p>1. Marusov, G. <i>et al.</i> (2012) A microarray biosensor for multiplexed detection of microbes using grating-coupled surface plasmon resonance imaging. Environ Sci Technol. 46 (1): 348-59.</p> <p>2. Veerapandian, M. and Neethirajan, S. (2015) Graphene oxide chemically decorated with Ag-Ru/chitosan nanoparticles: Fabrication, Electrode Processing and Immunosensing Property RSC Adv. Aug 21 [Epub ahead of print]</p>
Storage	<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>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: 10040: https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (STAR77...)	HRP
Rabbit Anti Mouse IgG (STAR12...)	RPE
Rabbit Anti Mouse IgG (STAR8...)	DyLight®800
Goat Anti Mouse IgG (STAR76...)	RPE
Human Anti Mouse IgG2a (HCA037...)	HRP
Goat Anti Mouse IgG (STAR70...)	FITC

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
 Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
 Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)
 Rabbit Anti Mouse IgG (STAR9...) [FITC](#)
 Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight®488](#), [DyLight®550](#),
[DyLight®650](#), [DyLight®680](#), [DyLight®800](#),
[FITC](#), [HRP](#)

Recommended Useful Reagents

[MOUSE ANTI LISTERIA MONOCYTOGENES \(0400-0030\)](#)

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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
 'M394985:220224'

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