

## Datasheet: 0400-0027

<b>Description:</b>	MOUSE ANTI LISTERIA MONOCYTOGENES
<b>Specificity:</b>	LISTERIA MONOCYTOGENES
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	LZF7 (BGN/0884/67)
<b>Isotype:</b>	IgG2a
<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
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.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgG - liquid
<b>Preparation</b>	Purified IgG prepared by affinity chromatography on Protein G from ascites
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	IgG concentration 1.0 mg/ml

<b>Immunogen</b>	<i>Listeria monocytogenes</i> , outer membrane fraction.
<b>RRID</b>	AB_619120
<b>Specificity</b>	<p><b>Mouse anti <i>Listeria monocytogenes</i> antibody, clone LZF7</b> 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> including ATCC 19114, LMG 16780 and LMG 23190.</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> ATCC 33090, <i>L. ivanovii</i> ATCC 19119 and <i>L. welshimeri</i> ATCC 3589.</p>
<b>ELISA</b>	This product is suitable for use as a detection antibody in a sandwich ELISA, with <a href="#">0400-0030</a> as the coating antibody. Please note, the activity of this antibody is reduced on boiling of the bacteria.
<b>Western Blotting</b>	0400-0027 detects a band of approximately 23kDa in reduced blots of cell fragments.
<b>References</b>	<ol style="list-style-type: none"> <li>1. Marusov, G. <i>et al.</i> (2012) A microarray biosensor for multiplexed detection of microbes using grating-coupled surface plasmon resonance imaging. <a href="#">Environ Sci Technol. 46 (1): 348-59.</a></li> <li>2. Veerapandian, M. and Neethirajan, S. (2015) Graphene oxide chemically decorated with Ag-Ru/chitosan nanoparticles: Fabrication, Electrode Processing and Immunosensing Property <a href="#">RSC Adv. Aug 21 [Epub ahead of print]</a></li> </ol>
<b>Storage</b>	<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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
<b>Guarantee</b>	12 months from date of despatch
<b>Health And Safety Information</b>	Material Safety Datasheet documentation #10040 available at: 10040: <a href="https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf">https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf</a>
<b>Regulatory</b>	For research purposes only

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...)	<a href="#">Alk. Phos.</a> , <a href="#">HRP</a>
Goat Anti Mouse IgG (STAR77...)	<a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR12...)	<a href="#">RPE</a>
Rabbit Anti Mouse IgG (STAR8...)	<a href="#">DyLight@800</a>
Rabbit Anti Mouse IgG (STAR13...)	<a href="#">HRP</a>

Goat Anti Mouse IgG (STAR76...)	<a href="#">RPE</a>
Goat Anti Mouse IgG (STAR70...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (Fc) (STAR120...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Human Anti Mouse IgG2a (HCA037...)	<a href="#">FITC</a> , <a href="#">HRP</a>
Rabbit Anti Mouse IgG (STAR9...)	<a href="#">FITC</a>
Goat Anti Mouse IgG (H/L) (STAR117...)	<a href="#">Alk. Phos.</a> , <a href="#">DyLight®488</a> , <a href="#">DyLight®680</a> , <a href="#">DyLight®800</a> , <a href="#">FITC</a> , <a href="#">HRP</a>

## Recommended Useful Reagents

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

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**Printed on 11 Feb 2021**