

Datasheet: 5688-1990

Description:	RABBIT ANTI LISTERIA MONOCYTOGENES ATCC 43251
Specificity:	LISTERIA MONOCYTOGENES ATCC 43251
Format:	Purified
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
Flow Cytometry			▪	
Immunohistology - Frozen			▪	
Immunohistology - Paraffin (1)	▪			
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.

(1) **This product requires protein digestion pre-treatment of paraffin sections e.g. pronase.**

Target Species	Bacterial
Product Form	Purified IgG - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.1% Sodium Azide (NaN ₃)
Approx. Protein Concentrations	4.0 mg/ml
Immunogen	<i>Listeria monocytogenes</i> . whole cells. ATCC strain 43251.

Specificity

Rabbit anti *Listeria monocytogenes* ATCC 43251 antibody reacts with *Listeria monocytogenes* whole cells. Rabbit anti *Listeria monocytogenes* ATCC 43251 antibody has not been absorbed and may react with related micro-organisms.

Rabbit anti *Listeria monocytogenes* ATCC 43251 antibody has been used successfully for the demonstration of internalized *L.monocytogenes* in formalin fixed peripheral blood mononuclear cells by immunofluorescence ([Salem et al. 2015](#)).

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. Salem M <i>et al.</i> (2015) Species-specific engagement of human nucleotide oligomerization domain 2 (NOD)2 and Toll-like receptor (TLR) signalling upon intracellular bacterial infection: role of Crohn's associated NOD2 gene variants. Clin Exp Immunol. 179 (3): 426-34.</p> <p>3. Témoin, S. <i>et al.</i> (2008) Multiple point mutations in virulence genes explain the low virulence of <i>Listeria monocytogenes</i> field strains. Microbiology. 154 (Pt 3): 939-48.</p> <p>4. Cruz-Adalia, A. <i>et al.</i> (2017) Conventional CD4⁺ T cells present bacterial antigens to induce cytotoxic and memory CD8⁺ T cell responses. Nat Commun. 8 (1): 1591.</p>
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. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.</p>
Shelf Life	18 months from date of despatch.
Health And Safety Information	Material Safety Datasheet documentation #10303 available at: 10303: https://www.bio-rad-antibodies.com/uploads/MSDS/10303.pdf
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...)	FITC
Sheep Anti Rabbit IgG (STAR35...)	RPE
Goat Anti Rabbit IgG (H/L) (STAR124...)	HRP
Goat Anti Rabbit IgG (Fc) (STAR121...)	Biotin , FITC , HRP
Sheep Anti Rabbit IgG (2AB02...)	Biotin
Sheep Anti Rabbit IgG (STAR36...)	DyLight@488 , DyLight@549 , DyLight@649 , DyLight@680 , DyLight@800

Recommended Useful Reagents

[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025A\)](#)
[ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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