

Datasheet: 5688-2000

Description:	RABBIT ANTI LISTERIA MONOCYTOGENES ATCC 43251:HRP
Specificity:	LISTERIA MONOCYTOGENES ATCC 43251
Format:	HRP
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
Immunohistology - Frozen	▪			1/20 - 1/200
Immunohistology - Paraffin			▪	
ELISA	▪			1/200 - 1/1000
Western Blotting	▪			1/20 - 1/200
Immunofluorescence	▪			

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 Ig conjugated to Horseradish Peroxidase (HRP) - liquid
Buffer Solution	Phosphate buffered saline
Preservative Stabilisers	0.002% Thiomersal 10 mg/ml Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1 mg/ml
Immunogen	<i>Listeria monocytogenes</i> . whole cells. ATCC strain 43251.
RRID	AB_619934

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**
1. Marusov, G. *et al.* (2012) A microarray biosensor for multiplexed detection of microbes using grating-coupled surface plasmon resonance imaging. [Environ Sci Technol. 46 \(1\): 348-59.](#)
 2. Salem M *et al.* (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.](#)
 3. Témoins, S. *et al.* (2008) Multiple point mutations in virulence genes explain the low virulence of *Listeria monocytogenes* field strains. [Microbiology. 154 \(Pt 3\): 939-48.](#)
 4. Cruz-Adalia, A. *et al.* (2017) Conventional CD4⁺ T cells present bacterial antigens to induce cytotoxic and memory CD8⁺ T cell responses. [Nat Commun. 8 \(1\): 1591.](#)
 5. Okita, Y. *et al.* (2016) Interleukin-22-Induced Antimicrobial Phospholipase A2 Group IIA Mediates Protective Innate Immunity of Nonhematopoietic Cells against *Listeria monocytogenes*. [Infect Immun. 84 \(2\): 573-9.](#)

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.

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10095 available at:
10095: <https://www.bio-rad-antibodies.com/uploads/MSDS/10095.pdf>

Regulatory For research purposes only

Related Products

Recommended Useful Reagents

[AbGUARD® HRP STABILIZER PLUS \(BUF052A\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052B\)](#)

[AbGUARD® HRP STABILIZER PLUS \(BUF052C\)](#)

[TMB CORE \(BUF056A\)](#)

[TMB CORE+ \(BUF062A\)](#)

[TMB SIGNAL+ \(BUF054A\)](#)

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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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