

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	0.002% Thiomersal
Stabilisers	10 mg/ml Bovine Serum Albumin
Approx. Protein Concentrations	IgG concentration 1 mg/ml
Immunogen	<i>Listeria monocytogenes</i> . whole cells. ATCC strain 43251.
Specificity	Rabbit anti <i>Listeria monocytogenes</i> ATCC 43251 antibody reacts with <i>Listeria monocytogenes</i> whole cells. Rabbit anti <i>Listeria monocytogenes</i> ATCC 43251 antibody has not been absorbed and may react with related micro-organisms. Rabbit anti <i>Listeria monocytogenes</i> ATCC 43251 antibody has been used successfully for the demonstration of internalized <i>L.monocytogenes</i> 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. Témoignage, 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.](#)

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.

Shelf Life

18 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+ \(BUF054A\)](#)

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: antibody_sales_us@bio-rad.com

Worldwide

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: antibody_sales_uk@bio-rad.com

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

'M318379:180718'

Printed on 01 Aug 2018