

Datasheet: 5688-1990

Description:	RABBIT ANTI LISTERIA MONOCYTOGENES KC 1778+ H 2b
Specificity:	LISTERIA MONOCYTOGENES
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.

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

Rabbit anti *Listeria monocytogenes* 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. Témoïn, 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

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.

Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.

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

- Sheep Anti Rabbit IgG (STAR34...) [FITC](#)
- Sheep Anti Rabbit IgG (STAR35...) [RPE](#)
- Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)
- Sheep Anti Rabbit IgG (STAR36...) [DyLight@488](#), [DyLight@680](#), [DyLight@800](#)
- Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Recommended Useful Reagents

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

[100x ANTIGEN RETRIEVAL BUFFER, pH8.0 \(BUF025C\)](#)

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

To find a batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

'M386532:210527'

Printed on 22 Sep 2021

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)