

Datasheet: 5688-1990

BATCH NUMBER 169968

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	IgG concentration 5.0 mg/ml

Immunogen	<i>Listeria monocytogenes</i> . whole cells.
RRID	AB_620691
Specificity	<p>Rabbit anti <i>Listeria monocytogenes</i> antibody reacts with <i>Listeria monocytogenes</i> whole cells. Rabbit anti <i>Listeria monocytogenes</i> antibody has not been absorbed and may react with related micro-organisms.</p> <p>Rabbit anti <i>Listeria monocytogenes</i> 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).</p>
References	<ol style="list-style-type: none"> 1. Témoins, 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. 2. 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. 3. 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. 4. Okita, Y. <i>et al.</i> (2016) Interleukin-22-Induced Antimicrobial Phospholipase A2 Group IIA Mediates Protective Innate Immunity of Nonhematopoietic Cells against <i>Listeria monocytogenes</i>. Infect Immun. 84 (2): 573-9. 5. 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. 6. García-Ferreras, R. <i>et al.</i> (2023) Bacteria-instructed B cells cross-prime naïve CD8(+) T cells triggering effective cytotoxic responses. EMBO Rep. 24 (7): e56131.
Storage	<p>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.</p> <p>Avoid repeated freezing and thawing as this may denature the antibody. Storage in frost-free freezers is not recommended.</p>
Guarantee	12 months from date of despatch
Health And Safety Information	Material Safety Datasheet documentation #10040 available at: https://www.bio-rad-antibodies.com/SDS/5688-1990
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (STAR34...) [FITC](#)

Goat Anti Rabbit IgG (H/L) (STAR124...) [HRP](#)

Goat Anti Rabbit IgG (Fc) (STAR121...) [Biotin](#), [FITC](#), [HRP](#)

Sheep Anti Rabbit IgG (STAR35...) [RPE](#)

Recommended Useful Reagents

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

Product inquiries: www.bio-rad-antibodies.com/technical-support

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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