

RABBIT ANTI LISTERIA MONOCYTOGENES KC 1778+ H 2b

#Cat: NB-47-00625-1ML

Size: 1 ml

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.neo-biotech.com

	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.

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. Témoïn, 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 (NOD2) 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	<p>Material Safety Datasheet documentation #10040 available at: www.neo-biotech.com</p> <p>10040</p>
Regulatory	For research purposes only

Related Products

Recommended Secondary Antibodies

Sheep Anti Rabbit IgG (NB-47-06043-1MG)

Goat Anti Rabbit IgG (NB-47-05922-1MG)

Goat Anti Rabbit IgG (Fc) (NB-47-05916-1MG, NB-47-05917-1MG, NB-47-05918-1MG)

Sheep Anti Rabbit IgG (NB-47-06044-1ML)

Recommended Useful Reagents

ANTIGEN RETRIEVAL BUFFER, pH8.0 (NB-47-02187-500ML)