Product datasheet

Anti-Listeria monocytogenes antibody ab20506

Overview

Product name  Anti-Listeria monocytogenes antibody
Description  Rabbit polyclonal to Listeria monocytogenes
Host species  Rabbit
Specificity  Recognizes whole cells of Listeria monocytogenes.
Tested applications  Suitable for: Conjugation, ELISA
Species reactivity  Reacts with Group A Streptococcus, Group B Streptococcus, S. pneumoniae, S. aureus, Clostridium perfringens and Bacillus subtilis. Not yet tested in other species.
Immunogen  Cell preparation: Listeria monocytogenes

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer  Preservative: 0.1% Sodium Azide
Constituents: 10mM PBS, pH 7.2
Purity  Protein A purified
Clonality  Polyclonal
Isotype  IgG

Applications

Our Abpromise guarantee covers the use of ab20506 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<td>Conjugation</td>
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<td>Use at an assay dependent dilution.</td>
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<tr>
<td>ELISA</td>
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<td>Use at an assay dependent dilution.</td>
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Target
Relevance

The genus Listeria comprises six species: L. monocytogenes, L. innocua, L. welshimeri, L. seeligeri, L. ivanovii and L. grayi. Listeria monocytogenes, the most commonly isolated pathogenic member, is associated with a wide spectrum of human and animal diseases. In the smear from the original tissue, L. monocytogenes may appear as gram-positive coccobacilli that may be confused with Streptococcus agalactiae (group B), enterococci, or Corynebacterium spp. Listeria is differentiated from streptococci by a positive catalase test. L. monocytogenes is the only species of the genus Listeria that has been clearly documented as a pathogen for humans. The forms of disease caused by this organism are myriad and age-related. The most common clinical manifestations are meningitis and septicemia. Listeria monocytogenes, a foodborne intracellular animal and human pathogen, interacts with infected host cells both prior to entry and during the intracellular phase of infection.

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