Anti-Gram Positive Bacteria antibody [BDI380] ab20344

Overview

Product name: Anti-Gram Positive Bacteria antibody [BDI380]
Description: Mouse monoclonal [BDI380] to Gram Positive Bacteria
Host species: Mouse
Specificity: Reactive with lipoteichoic acid (LTA) of many gram positive bacteria. Reacts with Listeria monocytogenes (all serotypes), Streptococcus pneumoniae, Staphylococcus aureus, Staphylococcus epidermidis, Enterococcus faecium, Bacillus cereus, Bacillus subtilis and group B Streptococcus (weak). Does not react with Clostridium perfringens.

Tested applications: Suitable for: ICC/IF, Conjugation, ELISA
Species reactivity: Reacts with: Other species
Immunogen: Intact Listeria monocytogenes.

General notes: Abcam is committed to meeting high quality standards of ethical manufacturing and has decided to discontinue this product by June 2020 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We suggest ab267414 as a possible replacement.

Affinity Constant: Not determined.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer: pH: 7.20
Preservative: 0.1% Sodium azide
Constituent: 0.0268% PBS
Purity: Ascites
Purification notes: Purified from ascites.
Primary antibody notes: Affinity Constant: Not determined.
Clonality: Monoclonal
Clone number: BDI380
Isotype

IgG1

Applications

Our *Abpromise guarantee* covers the use of ab20344 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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<th>Notes</th>
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<td>ICC/IF</td>
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<td>1/10 - 1/50.</td>
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<td>Conjugation</td>
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<td>Use at an assay dependent concentration. Colloidal gold conjugation.</td>
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<tr>
<td>ELISA</td>
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<td>1/20 - 1/200.</td>
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Target

Relevance

Gram-positive bacteria are characterized by their blue-violet colour reaction in the Gram-staining procedure. The colour reaction is caused by crystal-violet, the primary Gram-stain dye, complexing with the iodine mordant. When the decolorizer is applied, a slow dehydration of the crystal-violet/iodine complex is observed due to the closing of pores running through the cell wall.

Cellular localization

Whole cell

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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