

## Product datasheet

# Anti-Bacillus cereus antibody ab20556

★★★★★ 2 Abreviews 2 References

### Overview

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<b>Product name</b>	Anti-Bacillus cereus antibody
<b>Description</b>	Rabbit polyclonal to Bacillus cereus
<b>Host species</b>	Rabbit
<b>Specificity</b>	Reacts with spores and vegetative cells of Bacillus cereus and Bacillus subtilis. Antiserum is unabsorbed and may cross-react with other Bacillus species.
<b>Tested applications</b>	<b>Suitable for:</b> ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Other species
<b>Immunogen</b>	Tissue, cells or virus corresponding to Bacillus cereus. Purified spores of Bacillus cereus (ATCC 11778) and Bacillus subtilis (ATCC 9372).
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: 0.1% Sodium azide Constituent: 0.0268% PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

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**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab20556 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ICC/IF	★★★★★ (1)	Use at an assay dependent dilution.

## Target

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### Relevance

Bacillus cereus is a Gram-positive, facultatively aerobic sporeformer whose cells are large rods and whose spores do not swell the sporangium. These and other characteristics, including biochemical features, are used to differentiate and confirm the presence B. cereus, although these characteristics are shared with B. cereus var. mycoides, B. thuringiensis and B. anthracis. Differentiation of these organisms depends upon determination of motility (most B. cereus are motile), presence of toxin crystals (B. thuringiensis), hemolytic activity (B. cereus and others are beta hemolytic whereas B. anthracis is usually nonhemolytic), and rhizoid growth which is characteristic of B. cereus var. mycoides.

### Cellular localization

Bacterial spore

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