

Product datasheet

Anti-Bacillus cereus antibody ab20556

★★★★★ [2 Abreviews](#) [3 References](#)

Overview

Product name	Anti-Bacillus cereus antibody
Description	Rabbit polyclonal to Bacillus cereus
Host species	Rabbit
Specificity	Reacts with spores and vegetative cells of Bacillus cereus and Bacillus subtilis. Antiserum is unabsorbed and may cross-react with other Bacillus species.
Tested applications	Suitable for: ICC/IF
Species reactivity	Reacts with: Bacillus subtilis, Bacillus cereus
Immunogen	Tissue, cells or virus corresponding to Bacillus cereus. Purified spores of Bacillus cereus (ATCC 11778) and Bacillus subtilis (ATCC 9372).
General notes	<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&As</p>

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 Constituent: 0.0268% PBS
Purity	Protein A purified
Clonality	Polyclonal
Isotype	IgG

Applications

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

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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