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Product datasheet for AP00731PU-N

Bacillus cereus/subtilis spores Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IF
Recommended Dilution:	Suitable for use in IFA.
Reactivity:	Bacillus cereus, Bacillus subtilis
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	Purified spores of *Bacillus cereus* (ATCC 11778) and *Bacillus subtilis* (ATCC 9372).
Specificity:	This antibody is reactive with spores and vegetative cells of *Bacillus cereus* and *Bacillus subtilis*. Antiserum is unabsorbed and may cross-react with other *Bacillus* species.
Formulation:	0.01 M PBS, pH 7.2 containing 0.09% Sodium Azide as preservative without stabilizing proteins. State: Purified State: Liquid purified Ig fraction (>95% pure).
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Background:	*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.
Synonyms:	B. cereus

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