

## Bacillus cereus phospholipase C antibody [bc-01]

Cat. No. GTX00866

Host	Mouse
Clonality	Monoclonal
Isotype	IgM
Applications	WB, ELISA
Reactivity	Clostridium perfringens, Bacillus cereus

Package  
100 µg

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:1000
ELISA	Assay dependent

Not tested in other applications.

## Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Culture supernatant of B. cereus
Purification	Purified IgM
Conjugation	Unconjugated

## Note

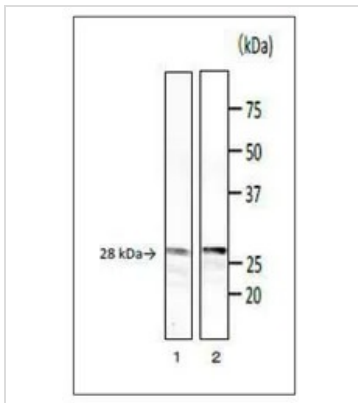
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DATA IMAGES



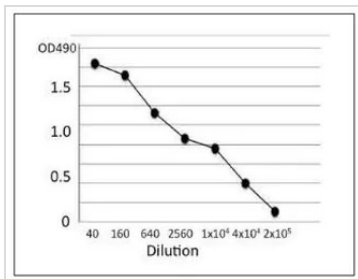
**GTx00866 WB Image**

WB analysis of various samples using GTx00866 *Bacillus cereus* phospholipase C antibody [bc-01].

Lane 1 : Culture medium of *B. cereus*

Lane 2 : PC-PLC purified from *B. cereus*

Dilution : 1:1000



**GTx00866 ELISA Image**

ELISA analysis of crude extract of *B. cereus* using GTx00866 *Bacillus cereus* phospholipase C antibody [bc-01].

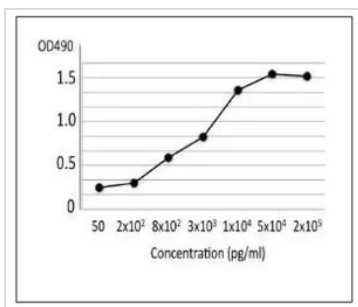
Protein coating amount : 100μl (1 μg/ml) per well

Antibody amount : 100μl at indicated dilution

	ELISA	WB
<i>Bacillus cereus</i> (NBRC15306)	+	28K
Other 5 isolated strains	+	
<i>Bacillus subtilis</i>	—	
<i>Staphylococcus aureus</i>	—	
<i>Salmonella Enteritidis</i>	—	—
<i>Escherichia coli</i> (ETEC)	—	—
<i>E. coli</i> O157:H7 (EHEC)	—	
Purified PLC (from <i>B. cereus</i> )	+	28K
PLC : Phospholipase C		

**GTx00866 Image**

Reactivities of GTx00866 *Bacillus cereus* phospholipase C antibody [bc-01] with various food poisoning bacter. GTx00866 reacts with a standard strain of *B. cereus* (NBRC15306), 5 isolated strains, and both PLC of *B. cereus* and α-toxin of *C. perfringens*. Antibody reacts with *C. perfringens*, but not with any other food poisoning bacteria. Protein bands, 28 kDa and 43kDa sizes correspond to the expected sizes of the *B. cereus* PLC and *C. perfringens* α-toxin, respectively.



**GTx00866 ELISA Image**

ELISA analysis of crude extract of *B. cereus* using GTx00866 *Bacillus cereus* phospholipase C antibody [bc-01].

Protein coating amount : 100μl per well at indicated amount

Antibody amount : 100μl (1:500) per well



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