

Campylobacter Porin antibody [cj-01]

Cat. No. GTX00867

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, Dot, ELISA, Lateral Flow
Reactivity	Campylobacter jejuni, E. coli, Vibrio parahaemolyticus, Salmonella Enteritidis, Campylobacter coli

Package
100 µg

APPLICATION

Application Note

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

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

Not tested in other applications.

Product Note It reacts with C. jejuni major antigen of 43 kDa.

PROPERTIES

Form	Liquid
Buffer	Filter-sterilized PBS, 50% Glycerol
Preservative	No preservative
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	Crude extract of Campylobacter jejuni
Purification	Protein A purified
Conjugation	Unconjugated

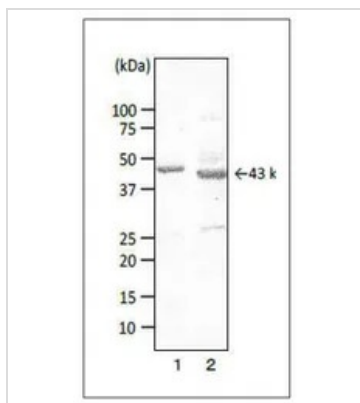


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Note

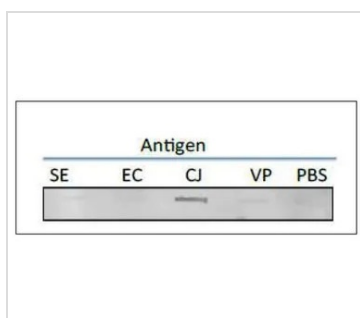
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DATA IMAGES

GTX00867 WB Image

WB analysis of various samples using GTX00867 Campylobacter Porin antibody [cj-01]. It recognizes porins in extracts of *C. coli* and *C. jejuni* as 44 kDa protein and 43 kDa protein, respectively.

Lane 1 : Crude extract of *Campylobacter coli*

Lane 2 : Crude extract of *Campylobacter jejuni*


GTX00867 Dot Image

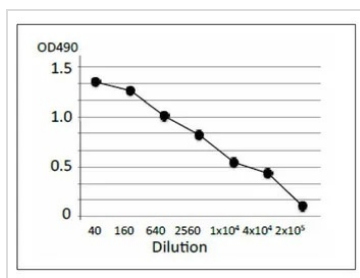
Test of reactivity of GTX00867 Campylobacter Porin antibody [cj-01] with several food poisoning bacteria in slot blot test. Extract of each strain of food poisoning bacteria was coated onto 5 areas of a nitrocellulose membrane and reacted with GTX00867. GTX00867 specifically reacts with extract of *C. jejuni*.

SE: *Salmonella Enteritidis*

EC: *Escherichia coli*

CJ: *C. jejuni*

VP: *Vibrio parahaemolyticus*


GTX00867 ELISA Image

ELISA analysis of crude extract of *Campylobacter jejuni* using GTX00867 Campylobacter Porin antibody [cj-01].

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

Antibody amount : 100µl at indicated dilution

	ELISA	WB
<i>Campylobacter jejuni</i> (JCM2529)	+	43K
Other 3 isolated strains	+	
<i>Campylobacter coli</i> (JCM2013)	+	44K
<i>Salmonella Enteritidis</i>	—	—
<i>Vibrio parahaemolyticus</i>	—	—
<i>Escherichia coli</i> (ETEC)	—	—
EHEC (O157:H7)	—	—
<i>Staphylococcus aureus</i>	—	—
<i>Clostridium perfringens</i>	—	—
<i>Bacillus cereus</i>	—	—

GTX00867 Image

Specific reactivity of GTX00867 Campylobacter Porin antibody [cj-01] with various food poisoning bacteria by ELISA and WB.



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