



# Magic™ Anti-V. cholerae Toxin B Monoclonal antibody, Clone C2368N (DCAB-TJ085)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

<b>Specificity</b>	Specific for the B subunit of cholera toxin and reacts with the intact toxin.
<b>Target</b>	V. cholerae Toxin B
<b>Immunogen</b>	Purified Cholera toxin B subunit.
<b>Isotype</b>	IgG1
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	V. cholerae
<b>Clone</b>	C2368N
<b>Purification</b>	> 90% pure. Protein A Chromatography
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended antibody pairs f Suggested pair for testing (Capture - Detection): DCAB-TJ085 - <a href="#">DCAB-TJ084</a>
<b>Procedure</b>	Matched Antibody Pairs
<b>Format</b>	Purified, Liquid
<b>Concentration</b>	1.5 mg/mL (OD280 nm, E0.1% = 1.3)
<b>Size</b>	100 µg
<b>Buffer</b>	0.01 M PBS, pH 7.2
<b>Preservative</b>	0.1% Sodium Azide
<b>Storage</b>	Short term store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.
<b>Warnings</b>	Centrifuge before opening to ensure complete recovery of vial contents. This product contains sodium azide, which has been classified as Xn (Harmful) in European Directive 67/548/EEC in

the concentration range of 0.1-1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

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## BACKGROUND

### Introduction

Cholera toxin (also known as cholera toxin and sometimes abbreviated to CTX, Ctx, or CT) is a protein complex secreted by the bacterium *Vibrio cholerae*. CTX is responsible for the massive, watery diarrhea characteristic of cholera infection.

### Keywords

Cholera Toxin; Cholera Toxin B Subunit

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