



Magic™ Anti-C. difficile Toxin A Monoclonal antibody, Clone CEJ666 (DCAB-TJ124)

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

PRODUCT INFORMATION

Specificity	Specific for toxin/toxoid A of Clostridium difficile.
Target	C. difficile Toxin A
Immunogen	Purified C. difficile toxoid A.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	C. difficile
Clone	CEJ666
Affinity Constant	Not Determined
Purification	> 90% pure. Protein A Chromatography
Conjugate	Unconjugated
Applications	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-TJ124 - DCAB-TJ102
Format	Purified, Liquid
Concentration	2.3 mg/mL (OD280 nm, E0.1% = 1.3)
Size	100 µg

Buffer	0.01 M PBS, pH 7.2 This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	<p><i>Clostridium difficile</i> diarrhea (from the Greek <i>kloster</i> (κλωστήρ), "spindle", and Latin <i>difficile</i>, "difficult, obstinate"), is a type of infectious diarrhea caused by the bacteria <i>Clostridium difficile</i>. <i>Clostridium difficile</i> is also known as CDF/cdf, or <i>C. diff</i>, is a species of Gram-positive spore-forming bacteria. While it can be a minor part of normal colonic flora, the bacterium is thought to cause disease when competing bacteria in the gut have been reduced by antibiotic treatment. <i>C. difficile</i> infections are the most common cause of pseudomembranous colitis, and in rare cases this can progress to toxic megacolon, which can be life-threatening.</p>
Keywords	<i>C. difficile</i> Toxin A; <i>Clostridium difficile</i> Toxin A; <i>C. difficile</i> ; <i>Clostridium difficile</i>