



Magic™ Anti-C. difficile Toxin A Monoclonal antibody, Clone C2509N (DCAB-TJ103)

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

PRODUCT INFORMATION

Specificity	Specific for Clostridium difficile Toxin A.
Target	C. difficile Toxin A
Immunogen	Purified Clostridium difficile Toxoid A.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	C. difficile
Clone	C2509N
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 for s Suggested pair for testing (Capture - Detection): DCAB-TJ103 - DCAB-TJ102
Format	Purified, Liquid
Concentration	2.7 mg/mL (OD280 nm, E0.1% = 1.3)
Size	100 µg

Buffer	0.01 M PBS, pH 7.2 Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, aliquot and 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 C. diff, 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. C. difficile 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	C. difficile Toxin A; <i>Clostridium difficile</i> Toxin A; C. difficile; <i>Clostridium difficile</i>