



Magic™ Anti-C. difficile Toxin A Monoclonal antibody, Clone N0622422 (DCABY-4700)

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

PRODUCT INFORMATION

Specificity	Clostridium difficile
Target	C. difficile Toxin A
Immunogen	Clostridium difficile toxin A antibody was raised in mouse using toxin/toxoid A of Clostridium difficile as the immunogen.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	C. difficile
Clone	N0622422
Conjugate	Unconjugated
Applications	ELISA (Cap), LFIA
Format	Liquid
Size	200 µg
Buffer	Protein A purified and supplied in PBS, pH 7.2, with 0.1% NaN ₃ .
Preservative	0.1% Sodium Azide
Storage	Store at 4 °C for short term storage. Aliquot and store at -20 °C for long term storage. Avoid repeated freeze/thaw cycles.

BACKGROUND

Introduction

Clostridium difficile, or *C. difficile*, a gram positive anaerobic bacterium, is the major causative agent of colitis and diarrhoea that can occur following antibiotic intake. *C. difficile* infection is one of the most common hospital acquired infections. When *C. difficile* colonize the gut, they release two potent toxins, toxin A and toxin B, which bind to certain receptors in the lining of the colon and ultimately cause diarrhoea and inflammation of the large intestine.

Keywords

Clostridium difficile toxin A; *C. difficile* toxin A;