



Anti-C. difficile Toxin B Monoclonal antibody, Clone C534N (DCABH-2419)

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

PRODUCT INFORMATION

Product Overview	Mouse monoclonal to Clostridium difficile Toxin B
Antigen Description	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.
Specificity	This antibody is specific to Clostridium difficile Toxin B with minimal cross reactivity to Clostridium difficile Toxin A.
Target	C. difficile Toxin B
Immunogen	Clostridium difficile Toxin B
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	C. difficile
Clone	C534N
Purification	Purified from ascites by Protein A chromatography; >90% pure (SDS-PAGE)
Conjugate	Unconjugated
Applications	ELISA, LFIA Recommended pair for LFIA: DCABH-2419 - DCABH-0015CL
Format	Liquid
Size	1 mg

Buffer	PBS
Preservative	0.1% Sodium Azide
Storage	store at -20°C. Avoid repeated freeze / thaw cycles.
Ship	Shipped at 4°C.

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	C. difficile Toxin B; Clostridium difficile Toxin B; Cytotoxin B; tcdB; toxB; Toxin B