

AM00675PU-N**Monoclonal Antibody to Clostridium difficile Toxin A - Purified**

Alternate names:	tcdA, toxA
Quantity:	1 mg
Concentration:	0.1 mg/ml (OD280nm, E0.1% = 1.3)
Background:	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.
Uniprot ID:	P16154
NCBI:	1496
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	BDI555
Immunogen:	Purified C. difficile toxoid A. Source: Ascites.
Format:	State: Liquid purified IgG fraction (> 90% pure) Purification: Protein A Chromatography Buffer System: 0.01M PBS, pH 7.2 Preservatives: 0.09% Sodium Azide Stabilizers: None
Applications:	ELISA. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Specific for toxin/toxoid A of <i>Clostridium difficile</i> . Does not cross-react with C. difficile toxin B, tetanus toxoid, <i>Pseudomonas aeruginosa</i> and <i>Yersinia enterocolitica</i> .
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.