



Anti-C. difficile Toxin Polyclonal antibody (DPAB1377)

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

PRODUCT INFORMATION

Specificity	Clostridium difficile Toxin A
Target	C. difficile Toxin
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	C. difficile
Purification	Immunoaffinity 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.
Format	Affinity Purified, Liquid
Concentration	2.84mg/ml
Size	1 mg
Buffer	Tris-Glycine, pH 7.5
Preservative	0.02% Sodium Azide
Storage	Store at <-20°C. Avoid multiple freeze/thaw cycles

BACKGROUND

Introduction

Pathogenic *C. difficile* strains produce several known toxins. The most well-characterized are enterotoxin (toxin A) and cytotoxin (toxin B), both of which are responsible for the diarrhea and inflammation seen in infected patients, although their relative contributions have been debated. Toxins A and B are glucosyltransferases that target and inactivate the Rho family of GTPases. Toxin B (cytotoxin) induces actin depolymerization by a mechanism correlated with a decrease in the ADP-ribosylation of the low molecular mass GTP-binding Rho proteins.

Keywords

tcdA; toxA; Firmicutes; Clostridia; Clostridiales; Clostridiaceae; Clostridium; Clostridium difficile
Toxin A