

Datasheet for ABIN576623
anti-toxA antibody (AA 2123-2132)



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Overview

Quantity:	1 mL
Target:	toxA
Binding Specificity:	AA 2123-2132
Reactivity:	Clostridium difficile
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This toxA antibody is un-conjugated
Application:	ELISA

Product Details

Immunogen:	<p>Synthetic peptide corresponding to the amino acids 2123 - 2132 of the native molecule conjugated to Keyhole limpet Hemocyanin. Peptide sequence: CTIDGKKYYFN. Percent identity by BLAST analysis: Slime mold, Clostridium, Sablefish (80%).</p> <p>Type of Immunogen: Synthetic peptide</p>
Specificity:	<p>Clostridium difficile Toxin A, a gram-positive motile bacterium which is the leading cause of diarrhoea in developed countries. The incidence of disease in humans varies greatly with age, spore density, and the administration of antibiotics. Toxin A (TcdA) is a large exotoxin which is an essential virulence factor for C. difficile infection. TcdA has a molecular weight of 308kD and is a glucosyltransferase, which irreversibly inactivates the Ras family of small GTPases to disrupt many important signalling pathways.</p>
Predicted Reactivity:	Percent identity by BLAST analysis: Slime mold, Clostridium, Sablefish (80%).

Product Details

Purification: Protein G purified

Target Details

Target: toxA

Alternative Name: Clostridium Difficile A Toxin ([toxA Products](#))

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Target Species of Antibody: Clostridium difficile

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.09 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid freeze-thaw cycles.

Storage: 4 °C,-20 °C

Storage Comment: Short term: 4°C. Long term: Store at -20°C. Avoid freeze-thaw cycles.