

## Product datasheet for **AM00680PU-N**

### **Clostridium difficile Toxin B Mouse Monoclonal Antibody [Clone ID: B424M]**

#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Clone Name:</b>	B424M
<b>Applications:</b>	ELISA
<b>Recommended Dilution:</b>	ELISA.
<b>Reactivity:</b>	Clostridium difficile
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Clonality:</b>	Monoclonal
<b>Immunogen:</b>	C. difficile Toxin B
<b>Specificity:</b>	Specific for Clostridium difficile Toxin B with minimal crossreactivity to Toxin A.
<b>Formulation:</b>	0.01M PBS, pH 7.2 containing 0.09% Sodium azide State: Purified State: Liquid purified IgG
<b>Concentration:</b>	lot specific
<b>Purification:</b>	>90% pure. Protein A chromatography
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store the antibody at -20°C. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>Database Link:</b>	<a href="#">P18177</a>
<b>Background:</b>	Clostridium difficile Toxin B (tcdB or ToxB) is a glucosyltransferase which is known to inactivate Rho, Cdc42 and Rac within target cells. This toxin is encoded on a pathogenicity region of the C. difficile chromosome and is expressed during the log and stationary phases of growth in response to a variety of environmental stimuli.
<b>Synonyms:</b>	toxB, tcdB
<b>Note:</b>	Centrifuge before opening to ensure complete recovery of vial contents.



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