

## Product datasheet for **AM00676PU-N**

### Clostridium difficile Toxin B Mouse Monoclonal Antibody [Clone ID: B426M]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	B426M
Applications:	ELISA, LF
Recommended Dilution:	<b>ELISA.</b> <b>Lateral Flow.</b> <i>Recommended pair for Lateral Flow:</i> <i>Capture = AM00679PU-N</i> <i>Detection = AM00676PU-N</i>
Reactivity:	Clostridium difficile
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Clostridium difficile Toxin B.
Specificity:	This antibody is specific for Toxin B of Clostridium difficile. Does not cross-react with Toxin A.
Formulation:	0.01M PBS, pH 7.2 containing 0.09% Sodium Azide as preservative State: Purified State: Liquid purified IgG fraction (> 90% pure) Stabilizer: None
Concentration:	lot specific
Purification:	Protein A Chromatography
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Database Link:	<a href="#">P18177</a>



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**Background:** *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.

**Synonyms:** toxB, tcdB

**Note:** Centrifuge before opening to ensure complete recovery of vial contents.