

Mouse Clostridium difficile toxin B Monoclonal Antibody

Clostridium difficile toxin B antibody

CATALOG # AAA74429	HOST Mouse	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Clostridium difficile toxin B; Monoclonal Antibody; Clostridium difficile toxin B antibody; Monoclonal Clostridium difficile toxin B; Anti-Clostridium difficile toxin B; anti-Clostridium difficile toxin B antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Clone Number	M0511316
Specificity	Clostridium difficile
Purity/Purification	> 90% pure
Form/Format	Protein A purified and supplied in PBS, pH 7.2, with 0.1% NaN ₃ .
Concentration	100 ug/ml (varies by lot)
Applicable Applications for anti-Clostridium difficile toxin B antibody	ELISA
Biological Significance	Clostridium difficile, also known as "CDF/cdf", or "C. diff", is a species of Gram-positive bacteria of the genus Clostridium that causes diarrhea and other intestinal disease when competing bacteria in the gut flora are wiped out by antibiotics. 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.
Cross-Reactivity	This antibody recognizes toxin B of Clostridium difficile
Biohazard Information	This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.
Immunogen	Clostridium difficile toxin B antibody was raised in mouse using toxin B of Clostridium difficile as the immunogen.
Preparation and Storage	Store at 4 degree C for short term storage. Aliquot and store at -20 degree C for long term storage. Avoid repeated freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-Clostridium difficile toxin B antibody	Mouse monoclonal Clostridium difficile toxin B antibody
Product Categories/Family for anti-Clostridium difficile toxin B antibody	Infectious Disease

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.