

Product datasheet for **AM00673SU-N**

Clostridium difficile Toxin A Mouse Monoclonal Antibody [Clone ID: PCG4.1]

Product data:

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|-----------------------|---|
| Product Type: | Primary Antibodies |
| Clone Name: | PCG4.1 |
| Applications: | ELISA |
| Recommended Dilution: | ELISA. |
| Reactivity: | Clostridium difficile |
| Host: | Mouse |
| Isotype: | IgG2a |
| Clonality: | Monoclonal |
| Immunogen: | <i>C. difficile</i> Toxin A. Hybridization of Sp2/0 myeloma cells with spleen cells from Balb/c mice. |
| Specificity: | This antibody reacts to <i>C. difficile</i> Toxin A. Does not cross react with <i>C. difficile</i> Toxin B. |
| Formulation: | State: Ascites State: Liquid Ascites Preservative: 0.09% Sodium Azide |
| Concentration: | lot specific |
| Conjugation: | Unconjugated |
| Storage: | Upon receipt, store undiluted (in aliquots) at -40°C. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| Database Link: | P16154 |
| Background: | Clostridium difficile, or <i>C. difficile</i> , a gram positive anaerobic bacterium, is the major causative agent of colitis and diarrhoea that can occur following antibiotic intake. <i>C. difficile</i> infection is one of the most common hospital acquired infections. When <i>C. difficile</i> colonize the gut, they release two potent toxins, toxin A and toxin B, which bind to certain receptors in the lining of the colon and ultimately cause diarrhoea and inflammation of the large intestine. |
| Synonyms: | toxA, tcdA |
| Note: | Centrifuge before opening to ensure complete recovery of vial contents. |



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