Product datasheet

Anti-Clostridium difficile Toxin A antibody ab35021

Overview

**Product name**  
Anti-Clostridium difficile Toxin A antibody

**Description**  
Rabbit polyclonal to Clostridium difficile Toxin A

**Host species**  
Rabbit

**Tested applications**  
Suitable for: ELISA

**Species reactivity**  
Reacts with Clostridium difficile. Not yet tested in other species.

**Immunogen**  
Synthetic peptide: CTIDGKYYFN  
conjugated to KLH, corresponding to amino acids 2351-2360 of Clostridium difficile Toxin A

**Form**  
Liquid

**Storage instructions**  
Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

**Storage buffer**  
Preservative: 0.1% Sodium Azide  
Constituents: PBS, pH 7.2

**Purification notes**  
Ammonium sulphate precipitation.

**Clonality**  
Polyclonal

**Isotype**  
IgG

Properties

**Application**

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<td>ELISA</td>
<td>1/120 - 1/800, 1/120 (pep-KLH, 50%B) - 1/800 (pep-KLH, EPT).</td>
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Our Abpromise guarantee covers the use of **ab35021** in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
| Relevance | Clostridium difficile, or C. difficile, a gram positive anaerobic bacterium, is the major causative agent of colitis and diarrhea that can occur following antibiotic intake. C. difficile infection is one of the most common hospital acquired infections. When C. difficile 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. |
| Cellular localization | Secreted |

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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