Product datasheet

Anti-Clostridium difficile Toxin A antibody [PCG4]
ab19953

Overview

Product name: Anti-Clostridium difficile Toxin A antibody [PCG4]
Description: Mouse monoclonal [PCG4] to Clostridium difficile Toxin A
Host species: Mouse
Specificity: C. difficile Toxin A. Does not cross react with C. difficile Toxin B
Tested applications: Suitable for: WB, ICC/IF, ELISA
Species reactivity: Reacts with: Clostridium difficile
Immunogen: Full length protein (C. difficile).
General notes: Abcam is committed to meeting high standards of ethical manufacturing and has decided to discontinue this product by July 2018 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause.

Properties

Form: Liquid
Storage instructions: Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer: pH: 7.20
Preservative: 0.1% Sodium azide
Constituent: 0.0268% PBS
Purity: Protein G purified
Purification notes: >98% pure (SDS-PAGE). Protein G chromatography.
Clonality: Monoclonal
Clone number: PCG4
Myeloma: Sp2/0
Isotype: IgG2a
Light chain type: unknown

Applications
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.

### Target

**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**

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Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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