Product datasheet

Anti-Aflatoxin antibody [1C6] ab685

3 References

Overview

Product name: Anti-Aflatoxin antibody [1C6]
Description: Rat monoclonal [1C6] to Aflatoxin
Host species: Rat
Specificity: This antibody reacts with Aflatoxin M1 (AFM1) and Aflatoxin B1 (AFB1). It does not react with BSA and other irrelevant antigens by ELISA. A competitive binding assay using AFM1 as the binding competitor to compete with AFM1-BSA-^{125}I showed that AFM1 can effectively inhibit the binding of this antibody to AFM1-BSA-^{125}I and the inhibition degree corresponds to the amounts of AFM1 used. The equilibrium constant K of antibody affinity of this product is $10^{10-11}$ M^{-1}.

Tested applications: Suitable for: ELISA
Species reactivity: Reacts with: Species independent
Immunogen: Aflatoxin M1-BSA conjugate

Properties

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: pH: 7.20
Constituent: 0.0268% PBS
Clonality: Monoclonal
Clone number: 1C6
Myeloma: unknown
Isotype: IgG2b
Light chain type: unknown

Applications

Our Abpromise guarantee covers the use of ab685 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Relevance

Aflatoxins are naturally occurring mycotoxins that are produced by many species of Aspergillus.

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit https://www.abcam.com/abpromise or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors