

Anti-Ochratoxin A antibody [3C5] ab23965

Overview

Product name	Anti-Ochratoxin A antibody [3C5]
Description	Mouse monoclonal [3C5] to Ochratoxin A
Host species	Mouse
Tested applications	Suitable for: ELISA
Species reactivity	Reacts with: Aspergillus
Immunogen	Chemical/ Small Molecule corresponding to Ochratoxin A conjugated to Bovine Serum Albumin (BSA).
Positive control	Ochratoxin A from Sigma (reference O1877)
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituents: 0.75% Glycine, 1.21% Tris, 2% Sucrose
Purity	Protein A purified
Clonality	Monoclonal
Clone number	3C5
Isotype	IgG1
Light chain type	lambda

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab23965 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
ELISA		1/2000 - 1/10000.

Target

Relevance

Ochratoxin A is a polyketide-derived dihydroiso-coumarin moiety linked through the 12-carboxy group to phenylalanine. Ochratoxin A is the most important and most commonly occurring of a structurally related group of compounds. It is produced by some species of *Aspergillus*, such as *A. ochraceus*, mainly in tropical regions, and by *Penicillium verrucosum*, a common storage fungus in temperate areas such as Canada, eastern and north western Europe and parts of South America. Ochratoxin A is a potent toxin affecting mainly the kidneys, in which it can cause both acute and chronic lesions, whereas its dechloro derivative, ochratoxin B, is non-toxic. A nephrotoxic effect has been demonstrated in all mammalian species.

Cellular localization

Secreted

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