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: Species independent
Immunogen                     Chemical/ Small Molecule corresponding to Ochratoxin A conjugated to Bovine Serum Albumin (BSA).
Positive control              Ochratoxin A from Sigma (reference O1877)

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

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.

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<td>ELISA</td>
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<td>1/2000 - 1/10000.</td>
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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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