

Monoclonal Antibody to Ochratoxin-A - Ascites

Catalog No.:	AM10209SU-N
Quantity:	0.2 ml
Background:	Ochratoxin A is a non-ribosomal peptide synthetase; it is a polyketide-derived dihydroisocoumarin 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 <i>Aspergillus</i> , such as <i>A. ochraceus</i> , mainly in tropical regions, and by <i>Penicillium verrucosum</i> , 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.
Host / Isotype:	Mouse / IgG1
Clone:	3C5
Immunogen:	Purified BSA-Ochratoxin-A
Format:	State: Lyophilized powder Preservatives: None Reconstitution: Restore in distilled water.
Applications:	ELISA: 1/2 000-1/10000. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Reacts with Ochratoxin-A from <i>Aspergillus</i> . Does <u>not</u> cross react with Ochratoxin-B.
Storage:	Prior to reconstitution store the antibody at -20°C. Store reconstituted antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.