



PRODUCT DATA SHEET

Bioworld Technology, Inc.

Ochratoxin monoclonal antibody

Catalog: MB30065

Host: Mouse

Reactivity: N/A

BackGround:

Ochratoxin is a mycotoxin produced by *Aspergillus* and *Penicillium* fungi that contaminates grains, coffee and dried fruits. Ochratoxin A is nephrotoxic and a potential carcinogen. Immunoassays using specific antibodies enable sensitive detection of ochratoxin in food products.

Product:

1mg/ml in 0.01M Phosphate Buffered Saline, pH 7.2, 50% glycerol, 0.05% Sodium Azide.

Molecular Weight:

N/A (small molecule hapten)

Swiss-Prot:

Purification&Purity:

Protein G purified

Applications:

ELISA: Use at an assay dependent dilution.

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Reacts only with Ochratoxin.

DATA:

Western blot analysis of TCP1 alpha expression in HeLa (A) whole cell lysates.

Immunofluorescent analysis of TCP1 alpha staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

For research use only, not for use in diagnostic procedure.

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