



PRODUCT DATA SHEET

Bioworld Technology, Inc.

Melamine monoclonal antibody

Catalog: MB30063

Host: Mouse

Reactivity: N/A

BackGround:

Melamine is a nitrogen-rich industrial chemical that has been illegally added to food and feed to falsely elevate protein content measurements. Detection of melamine residues is critical for food safety; antibody-based immunoassays provide rapid screening methods.

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 Melamine.

DATA:

Western blot analysis of PSMC3 expression in Hela (A), HepG2 (B), HT29 (C) whole cell lysates.

Immunohistochemical analysis of PSMC3 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

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