



PRODUCT DATA SHEET

Bioworld Technology, Inc.

Fumonisin B1 monoclonal antibody

Catalog: MB30067

Host: Mouse

Reactivity: N/A

BackGround:

Fumonisin B1 is a mycotoxin produced by *Fusarium verticillioides*, commonly contaminating corn and corn-based products. It inhibits ceramide synthase and is associated with diseases in livestock and humans. Immunoassay-based detection is important for mycotoxin surveillance.

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 Fumonisin B1.

DATA:

Western blot analysis of PTP1B expression in A2780 (A), A375 (B), HUT78 (C), MG63 (D), mouse lung (E), mouse spleen (F), rat lung (G) whole cell lysates.

Note:

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

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