



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### MT1X polyclonal antibody

Catalog: BS34467

Host: Rabbit

Reactivity: Human

#### BackGround:

Metallothionein-1X: Metallothioneins have a high content of cysteine residues that bind various heavy metals; these proteins are transcriptionally regulated by both heavy metals and glucocorticoids. May be involved in FAM168A anti-apoptotic signaling

#### Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

#### Molecular Weight:

~6.07 kDa

#### Swiss-Prot:

P80297

#### Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

#### Applications:

WB (1/500 - 1/1000)

#### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

#### Specificity:

Recognizes endogenous levels of MT1X protein

#### DATA:

Western blot analysis of AMPK beta 2 expression in MCF7 (A), mouse heart (B), rat heart (C) whole cell lysates.

Immunofluorescent analysis of AMPK beta 2 staining in MCF7 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 a DyLight

594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

#### Note:

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

#### Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park,  
MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

#### Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046,  
P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151