



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### CEP170B polyclonal antibody

Catalog: BS33732

Host: Rabbit

Reactivity: Human, Mouse

#### BackGround:

Centrosomal protein of 170 kDa protein B: Plays a role in microtubule organization

#### Product:

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

#### Molecular Weight:

~172 kDa

#### Swiss-Prot:

Q9Y4F5

#### 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 CEP170B protein

#### DATA:

Western blot analysis of MUC1 (Phospho-Y1229) expression in MCF7 PMA-treated (A), BT20 (B), NIH3T3 UV-treated (C), H9C2 PMA-treated (D) whole cell lysates.

Immunohistochemical analysis of MUC1 (Phospho-Y1229) 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. Immunofluorescent analysis of MUC1 (Phospho-Y1229) staining in HepG2 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 AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

#### Note:

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

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