



PRODUCT DATA SHEET

Bioworld Technology, Inc.

CEP192 polyclonal antibody

Catalog: BS34458

Host: Rabbit

Reactivity: Human

BackGround:

Centrosomal protein of 192 kDa: Required for mitotic centrosome maturation and bipolar spindle assembly . Appears to be a major regulator of pericentriolar material (PCM) recruitment, centrosome maturation, and centriole duplication . Centrosome-specific activating scaffold for AURKA and PLK1

Product:

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

Molecular Weight:

~279 kDa

Swiss-Prot:

Q8TEP8

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 CEP192 protein

DATA:

Western blot analysis of Cytokeratin 18 expression in HCT116 (A), LO2 (B), SGC7901 (C) whole cell lysates.

Immunohistochemical analysis of Cytokeratin 18 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 Cytokeratin 18 staining in HuvEc 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 Alexa Fluor 594-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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