



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ZG16B polyclonal antibody

Catalog: BS35191

Host: Rabbit

Reactivity: Human

BackGround:

Pancreatic adenocarcinoma up-regulated factor: Functions as a lectin that binds to selective commensal dental plaque bacteria, such as *Streptococcus vestibularis*. Contributes to maintain homeostasis in the oral microbiome by capturing commensal microbes and regulating their growth using a mucin-assisted clearance mechanism. Plays an important role in pancreatic tumor progression and metastasis. Promotes pancreatic cancer cells migration and invasion through the TLR4/MyD88/NF-kappaB signaling pathway, without the involvement of the TLR4/TRIF pathway.

Product:

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

Molecular Weight:

~18.9 kDa

Swiss-Prot:

Q96DA0

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 ZG16B protein

DATA:

Western blot analysis of beta-Tubulin expression in Jurkat (A) whole cell lysates.

Immunofluorescent analysis of beta-Tubulin staining in Jurkat 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 an AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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