



## PRODUCT DATA SHEET

Bioworld Technology, Inc.

### ATG101 polyclonal antibody

Catalog: BS35318

Host: Rabbit

Reactivity: Human, Mouse, Rat

#### BackGround:

Autophagy-related protein 101: Autophagy factor required for autophagosome formation. Stabilizes ATG13, protecting it from proteasomal degradation

#### Product:

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

#### Molecular Weight:

~25.0 kDa

#### Swiss-Prot:

Q9BSB4

#### 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 ATG101 protein

#### DATA:

Western blot analysis of CD3g expression in THP1 (A), H1792 (B), mouse spleen (C), mouse muscle (D) whole cell lysates.

Immunofluorescent analysis of CD3g staining in KYSE30 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 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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