



PRODUCT DATA SHEET

Bioworld Technology, Inc.

GPR137 polyclonal antibody

Catalog: BS31835

Host: Rabbit

Reactivity: Human

BackGround:

Integral membrane protein GPR137: Lysosomal integral membrane protein that may regulate MTORC1 complex translocation to lysosomes . May play a role in autophagy

Product:

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

Molecular Weight:

~46.1 kDa

Swiss-Prot:

Q96N19

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

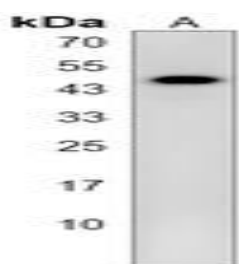
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of GPR137 protein.

DATA:



Western blot analysis of CD45 expression in Jurkat (A), rat Serum (B),

mouse Serum (C) whole cell lysates.

Immunohistochemical analysis of CD45 staining in human tonsil 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 CD45 staining in HeLa 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).

Flow cytometric analysis of HeLa cells using Anti-CD45 Antibody (green) and negative control (red).

Note:

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

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