



PRODUCT DATA SHEET

Bioworld Technology, Inc.

TAS2R9 polyclonal antibody

Catalog: BS33301

Host: Rabbit

Reactivity: Human

BackGround:

Taste receptor type 2 member 9: Gustducin-coupled receptor implicated in the perception of bitter compounds in the oral cavity and the gastrointestinal tract. Signals through PLCB2 and the calcium-regulated cation channel TRPM5 (By similarity)

Product:

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

Molecular Weight:

~35.6 kDa

Swiss-Prot:

Q9NYW1

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 TAS2R9 protein

DATA:

Western blot analysis of CD107b expression in U937 (A), HepG2 (B), RAW264.7 (C), NIH3T3 (D), C6 (E), T47D (F) whole cell lysates.

Immunohistochemical analysis of CD107b staining in human endometrial 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.

Flow cytometric analysis of Ramos cells using Anti-CD107b Antibody (green) and negative control (red).

Note:

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

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