

**DEFB118 polyclonal antibody**

Catalog: BS33522

Host: Rabbit

Reactivity: Human

BackGround:

Defensin beta 118: Host defense peptide that exhibits antimicrobial activity against both Gram-negative bacteria, such as *E.coli* and *S.typhimurium*, and Gram-positive bacteria, such as *S.aureus* and *B.subtilis*. Inhibits cell adhesion of *E.coli* on intestinal epithelial enterocytes. Causes rapid permeabilization of both the outer and inner membrane of *E.coli*, leading to morphological alterations on the bacterial surface. Binds to bacterial lipopolysaccharides (LPS) with high affinity, and may thereby be involved in immunoregulation through LPS neutralization. May contribute to epididymal innate immunity and protect the sperm against attack by microorganisms.

Product:

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

Molecular Weight:

~13.6 kDa

Swiss-Prot:

Q96PH6

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 DEFB118 protein

DATA:

Western blot analysis of Vimentin expression in Hela (A), mouse brain (B), rat brain (C) whole cell lysates.

Immunohistochemical analysis of Vimentin 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.

Note:

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

Bioworld Technology, Inc.

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: info@bioworld.com

Tel: 6123263284

Fax: 6122933841

Bioworld technology, co. Ltd.

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: info@biogot.com

Tel: 0086-025-68037686

Fax: 0086-025-68035151