



PRODUCT DATA SHEET

Bioworld Technology, Inc.

SLPI polyclonal antibody

Catalog: BS33227

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Antileukoproteinase: Acid-stable proteinase inhibitor with strong affinities for trypsin, chymotrypsin, elastase, and cathepsin G. Modulates the inflammatory and immune responses after bacterial infection, and after infection by the intracellular parasite *L.major*. Down-regulates responses to bacterial lipopolysaccharide (LPS) (By similarity). Plays a role in regulating the activation of NF-kappa-B and inflammatory responses. Has antimicrobial activity against mycobacteria, but not against salmonella. Contributes to normal resistance against infection by *M.tuberculosis*. Required for normal resistance to infection by *L.major*. Required for normal wound healing, probably by preventing tissue damage by limiting protease activity (By similarity). Together with ELANE, required for normal differentiation and proliferation of bone marrow myeloid cells

Product:

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

Molecular Weight:

~14.3 kDa

Swiss-Prot:

P03973

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 SLPI protein

DATA:

Western blot analysis of TSPAN4 expression in HepG2 (A) whole cell lysates.

Note:

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

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