



PRODUCT DATA SHEET

Bioworld Technology, Inc.

PBLD polyclonal antibody

Catalog: BS31960

Host: Rabbit

Reactivity: Human

BackGround:

Phenazine biosynthesis-like domain-containing protein: Functions as a positive regulator of the antiviral immune response by modulating innate immunity and viral replication by enhancing type I interferon (IFN-I) response . PBLD enhances IFN-I signaling via multiple pathways . Promotes IRF3-mediated IFN-I production and apoptosis, thereby inhibiting viral replication . Upregulates IFN-I response by activating the NF-kappaB signaling pathway, potentially through inhibition of TRIM21-mediated degradation of phosphorylated IKKbeta, thereby sustaining NF-kappaB activation to counteract viral infection . Additionally, promotes the p53-USP4-MAVS signaling axis by stabilizing MAVS through USP4-mediated deubiquitination, thereby enhancing the IFN-I response against RNA virus infection . Acts as a tumor suppressor, regulating development of various cancers

Product:

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

Molecular Weight:

~31.8 kDa

Swiss-Prot:

P30039

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

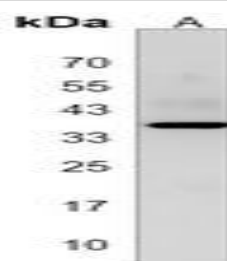
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of PBLD protein.

DATA:



Western blot analysis of NCAM2 expression in 22Rv1 (A) whole cell lysates.

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