



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MPEG1 polyclonal antibody

Catalog: BS35024

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Macrophage-expressed gene 1 protein: Pore-forming protein involved in both innate and adaptive immunity . Plays a central role in antigen cross-presentation in dendritic cells by forming a pore in antigen-containing compartments, thereby promoting delivery of antigens for cross-presentation (By similarity). Also involved in innate immune response following bacterial infection; shows antibacterial activity against a wide spectrum of Gram-positive, Gram-negative and acid-fast bacteria . Reduces the viability of the intracytosolic pathogen *L.monocytogenes* by inhibiting acidification of the phagocytic vacuole of host cells which restricts bacterial translocation from the vacuole to the cytosol (By similarity). Required for the antibacterial activity of reactive oxygen species and nitric oxide (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:

~78.6 kDa

Swiss-Prot:

Q2M385

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 MPEG1 protein

DATA:

Western blot analysis of WDR1 expression in HT29 (A), MCF7 (B), NIH3T3 (C), mouse brain (D), rat heart (E) whole cell lysates.

Note:

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

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