



PRODUCT DATA SHEET

Bioworld Technology, Inc.

IRGQ polyclonal antibody

Catalog: BS33877

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Immunity-related GTPase family Q protein: Autophagy receptor that specifically promotes clearance of misfolded MHC class I molecules by targeting them to the lysosome for degradation . Acts as a molecular adapter that specifically recognizes and binds (1) misfolded MHC class I molecules following their ubiquitination, as well as (2) autophagy-related proteins, promoting the recruitment of misfolded MHC class I molecules to autophagy machinery for degradation . Degradation of misfolded MHC class I molecules is essential to prevent accumulation of defective MHC class I complexes at the surface of CD8(+) T-cells and prevent a stronger T-cell-mediated response . In contrast to other members of the family, does not show GTPase activity

Product:

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

Molecular Weight:

~62.7 kDa

Swiss-Prot:

Q8WZA9

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 IRGQ protein

DATA:

Western blot analysis of Apolipoprotein A4 expression in Raji (A), mouse liver (B), rat kidney (C) whole cell lysates.

Note:

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

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