

Bcl-2 (P65) polyclonal antibody

Catalog: AP0368

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Bcl-2 exerts a survival function in response to a wide range of apoptotic stimuli through inhibition of mitochondrial cytochrome c release. It has been implicated in modulating mitochondrial calcium homeostasis and proton flux. Several phosphorylation sites have been identified within Bcl-2, including Thr56, Ser70, Thr74, and Ser87. It has been suggested that these phosphorylation sites may be targets of the ASK1/MKK7/JNK1 pathway and that phosphorylation of Bcl-2 may be a marker for mitotic events. Mutation of Bcl-2 at Thr56 or Ser87 inhibits its anti-apoptotic activity during glucocorticoid-induced apoptosis of T lymphocytes. Interleukin-3 and JNK-induced Bcl-2 phosphorylation at Ser70 may be required for its enhanced anti-apoptotic functions.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2.

Molecular Weight:

~ 30 kDa

Swiss-Prot:

P10415

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:1000~1:2000

IF: 1:100~1:500

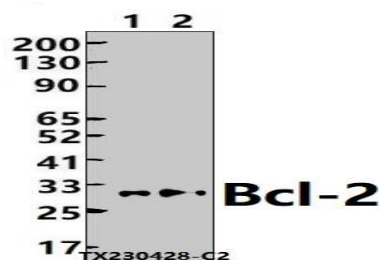
Storage&Stability:

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

Specificity:

Bcl-2 (P65) polyclonal antibody detects endogenous levels of Bcl-2 protein.

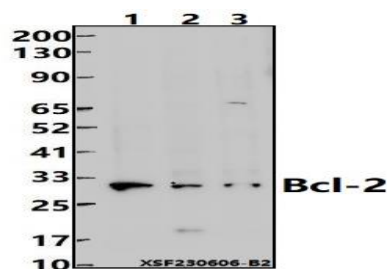
DATA:



Western blot (WB) analysis of Bcl-2 (P65) polyclonal antibody at 1:1000 dilution

Lane1:The Kidney tissue lysate of Rat(30ug)

Lane2:The Heart tissue lysate of Mouse(30ug)

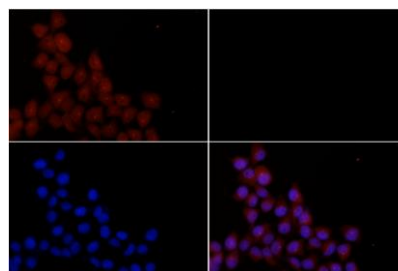


Western blot (WB) analysis of Bcl-2 (P65) pAb at 1:1000 dilution

Lane1:The Kidney tissue lysate of Rat(30ug)

Lane2:A2780 whole cell lysate(30ug)

Lane3:A549 whole cell lysate(30ug)



Immunofluorescence analysis of A549 cells using Bcl-2 (P65) pAb at dilution of 1:200 (40x lens).

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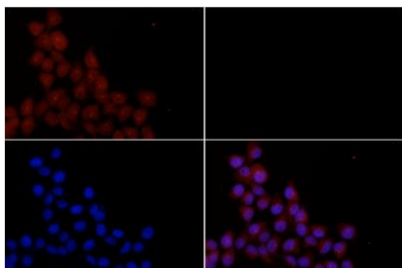
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PRODUCT DATA SHEET

Bioworld Technology, Inc.



Note:

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

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