

BAX monoclonal antibody

Catalog: MB22375

Host: Mouse

Reactivity: Human, Mouse, Rat, Rabbit, Monkey

Background:

The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. This protein is reported to interact with, and increase the opening of, the mitochondrial voltage-dependent anion channel (VDAC), which leads to the loss in membrane potential and the release of cytochrome c. The expression of this gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis. Multiple alternatively spliced transcript variants, which encode different isoforms, have been reported for this gene.

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

21.2kDa

Swiss-Prot:

Q07812

Purification&Purity:

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

Applications:

WB:1/500-1/1000 IHC:1/200 - 1/1000 FC:1/200 - 1/400

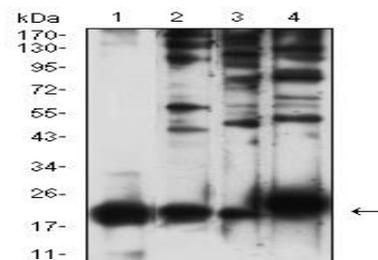
Storage&Stability:

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

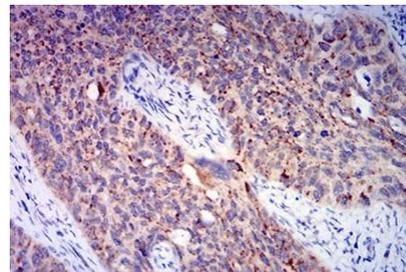
Isotype:

Mouse IgG2a

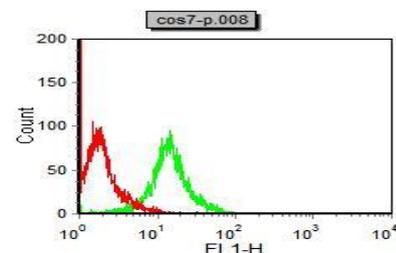
DATA:



Western blot analysis using BAX mouse mAb against RSC-96(1),NRK(2),C2C12(3),C6(4) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using BAX mouse mAb with DAB staining.



Flow cytometric analysis of COS7 cells using BAX mouse mAb (green) and negative control (red).

Note:

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

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