

Summary

Production Name	BAX Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,IHC,FC,ELISA
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG2b
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in PBS with 0.05% sodium azide
Purification	Affinity Purification

Immunogen

Gene Name	BAX
Alternative Names	BCL2L4
Gene ID	581.0
SwissProt ID	Q07812.Purified recombinant fragment of human BAX(AA: (13-160)) expressed in E. Coli.

Application

Dilution Ratio	WB:1:500-1:2000,IHC:1:200-1:1000,FC:1:200-1:400,ELISA:1:10000
Molecular Weight	21.2kDa

Background

Product Name: BAX Mouse Monoclonal Antibody
Catalog #: AMM82570

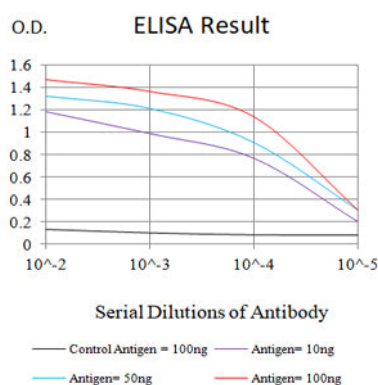


The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. The association and the ratio of BAX to BCL2 also determines survival or death of a cell following an apoptotic stimulus. 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. [provided by RefSeq, Dec 2019]

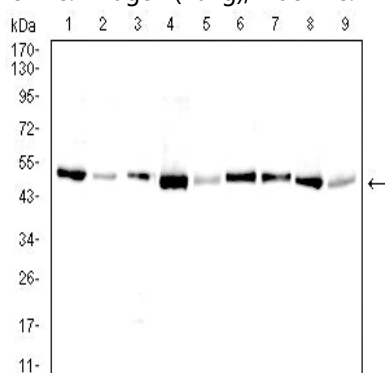
Research Area

Apoptosis, TGF-beta signaling pathway

Image Data

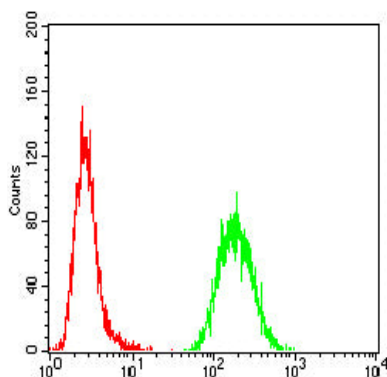


Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)

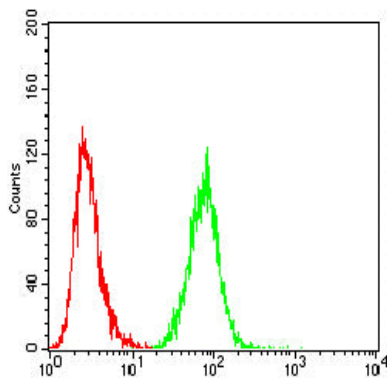


Western blot analysis using BAX mouse mAb against HeLa (1), C2C12 (2), C6 (3), HepG2 (4), MCF-7 (5), Ramos (6), Raji (7), HEK293 (8), and HEK293-6e (9) cell lysate.

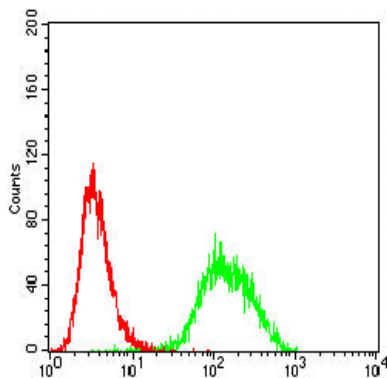
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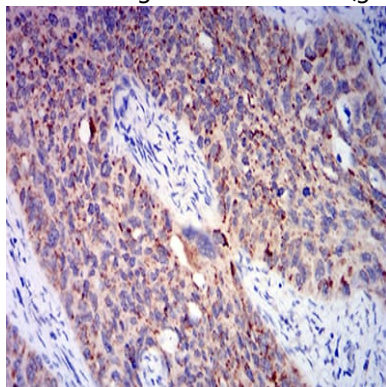
Flow cytometric analysis of Hela cells using BAX mouse mAb (green) and negative control (red).



Flow cytometric analysis of Hepg2 cells using BAX mouse mAb (green) and negative control (red).



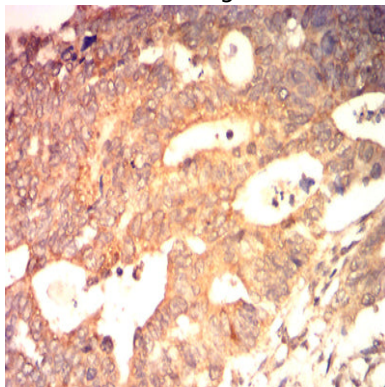
Flow cytometric analysis of Jurkat cells using BAX mouse mAb (green) and negative control (red).



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



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

Note

For research use only.