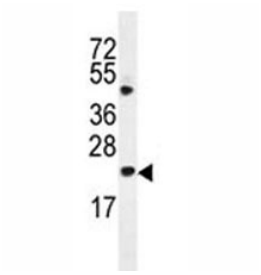
Bax Antibody (F40098)

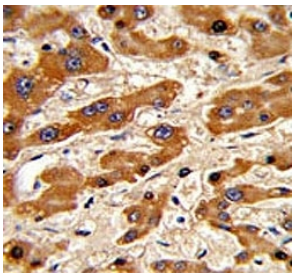
Catalog No.	Formulation	Size
F40098-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F40098-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

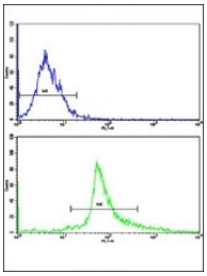
Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Bovine
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Purified
UniProt	Q07812
Applications	Western blot: 1:1000 IHC (Paraffin): 1:50-1:100 Flow Cytometry: 1:10-1:50
Limitations	This Bax antibody is available for research use only.



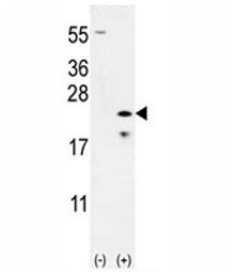
Bax antibody western blot analysis in HL-60 lysate



IHC analysis of FFPE human hepatocarcinoma stained with Bax antibody



Flow cytometric analysis of HepG2 cells using Bax antibody (green) compared to a negative control cell (blue). FITC-conjugated goat-anti-rabbit secondary Ab was used for the analysis.



Western blot analysis of Bax antibody and 293 cell lysate (2 ug/lane) either nontransfected (Lane 1) or transiently transfected (2) with the Bax gene.

Description

Bax 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. Bax 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 the Bax gene is regulated by the tumor suppressor P53 and has been shown to be involved in P53-mediated apoptosis.

Learn more about Bax biology and explore our highly published mouse monoclonal Bax antibody on our Bax Antibody page.

Application Notes

Titration of the Bax antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 41-76 (BH3 domain) from the human protein was used as the immunogen for this Bax antibody.

Storage

Aliquot the Bax antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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