Recombinant Bax Monoclonal Antibody

catalog number: **E-AB-81433**

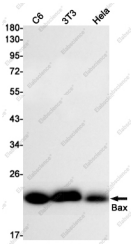
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human Bax
Host	Rabbit
Isotype	Rabbit IgG
Clone	C123219
Purification	Affinity Purified
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:20-1:100

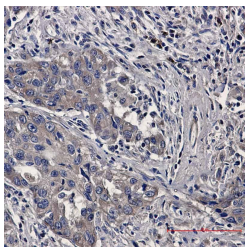
Data



Western blot detection of Bax in C6,3T3,Hela cell lysates using Bax Rabbit mAb(1:1000 diluted).Predicted band size:21kDa.Observed band size:20kDa.

Observed-MW:20 kDa

Calculated-MW:21 kDa



Immunohistochemistry of Bax in paraffin-embedded Human lung cancer tissue using Bax Rabbit mAb at dilution 1:20

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	The product is shipped with ice pack,upon receipt,store it immediately at the temperature recommended.

Background

BAX,also named as BCL2L4,is a pro-apoptotic member of the Bcl-2 protein family,which plays a pivotal role in controlling cell life and death. Bax largely localizes to the cytoplasm of healthy cells,but accumulates on the outer mitochondrial membrane upon apoptosis induction . BAX can commit a cell to apoptosis by translocation from the cytosol to the mitochondria and permeabilization of the outer mitochondrial membrane,which leads to the release of cytochrome c from mitochondria . The expression of BAX is upregulated by the tumor suppressor protein p53,and BAX has been shown to be involved in p53-mediated apoptosis .

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