

## Recombinant Bax Monoclonal Antibody

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

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

### Description

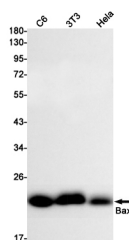
<b>Reactivity</b>	Human;Mouse;Rat
<b>Immunogen</b>	A synthetic peptide of human Bax
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Clone</b>	R03-1D3
<b>Purification</b>	Affinity Purified
<b>Buffer</b>	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.05% stabilizer and 0.05% protective protein.

### Applications

### Recommended Dilution

<b>WB</b>	1:500-1:1000
<b>IHC</b>	1:20-1:100

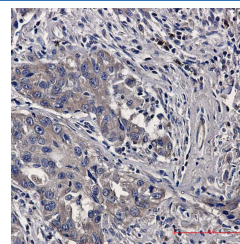
### Data



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

<b>Storage</b>	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
<b>Shipping</b>	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 .

### For Research Use Only