

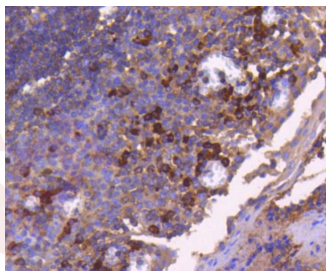
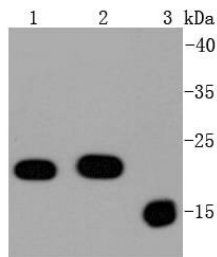
## Anti-BAX Antibody (1J827)

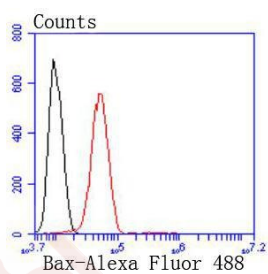
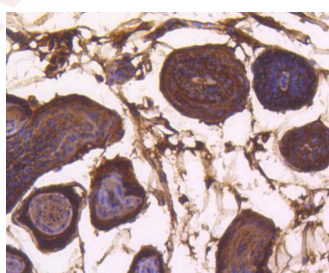
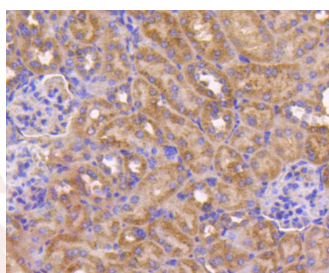
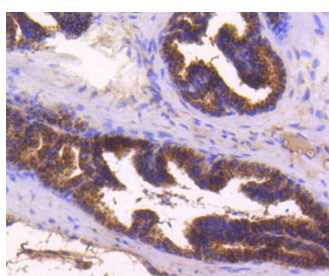
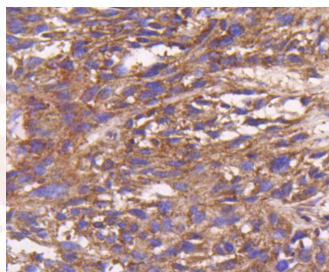
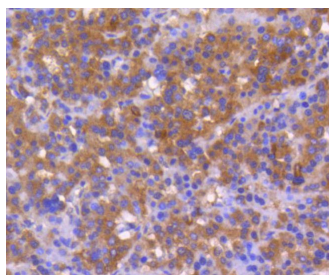
### Product Details

Ig Type:	IgG
Reactivity:	Human,Mouse,Rat
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 21 kDa.
Clone:	1J827
Purification:	ProA affinity purified

### Applications

1. Western blot analysis of Bax on different lysates using anti-Bax antibody at 1/1,000 dilution. Positive control: Lane 1: Hela, Lane 2: MCF-7, Lane 3: Human liver.
2. Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-Bax antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded human liver cancer tissue using anti-Bax antibody. Counter stained with hematoxylin.
4. Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-Bax antibody. Counter stained with hematoxylin.
- Verified Activity: 5. Immunohistochemical analysis of paraffin-embedded mouse prostate tissue using anti-Bax antibody. Counter stained with hematoxylin.
6. Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-Bax antibody. Counter stained with hematoxylin.
7. Immunohistochemical analysis of paraffin-embedded mouse skin tissue using anti-Bax antibody. Counter stained with hematoxylin.
8. Flow cytometric analysis of Hela cells with Bax antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





Application: FCM,IHC,IP,WB

Recommended WB: 1:1000-5000; IHC: 1:50-200; FCM: 1:50-100

### Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

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### Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q07812

Synonyms: Apoptosis regulator BAX;BCL2L4;Bcl-2-like protein 4;Bcl2-L-4

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### Research Background

The Bcl-2 gene was isolated at the chromosomal breakpoint of t-bearing follicular B cell lymphomas. Bcl-2 blocks cell death following a variety of stimuli and confers a death-sparing effect to certain hematopoietic cell lines following growth factor withdrawal. Bcl-2 is localized to outer mitochondrial membranes and endoplasmic reticulum as well as nuclear membranes. A related protein, designated Bax (Bcl-associated X protein), has extensive amino acid homology with Bcl-2 and both homodimerizes and forms heterodimers with Bcl-2. Overexpression of Bax accelerates apoptotic death induced by cytokine deprivation in an IL-3 dependent cell line and Bax also counters the death repressor activity of Bcl-2.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

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