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## Bax Mouse mAb

Catalog Number: bsm-33279M

Target Protein: Bax

Concentration: 1mg/ml

Form: Size : 50ul/100ul/200ul

Liquid

Size : 200ug (PBS only)

Lyophilized

Note: Centrifuge tubes before opening. Reconstitute the lyophilized product in distilled water. Optimal concentration should be determined by the end user.

Host: Mouse

Clonality: Monoclonal

Clone No.: 8H12

Isotype: IgG1

Applications: **WB** (1:1000-1500), **IHC-P** (1:100-500), **IHC-F** (1:200-500), **IF** (1:200-500)

Reactivity: Human, Mouse (predicted:&nbsp;Rat)

Predicted MW: 21 kDa

Subcellular Cell membrane ,Cytoplasm

Locations:

Entrez Gene: 581

Swiss Prot: Q07812

Purification: affinity purified by Protein G

Storage: Size : 50ul/100ul/200ul

0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Size : 200ug (PBS only)

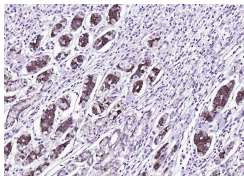
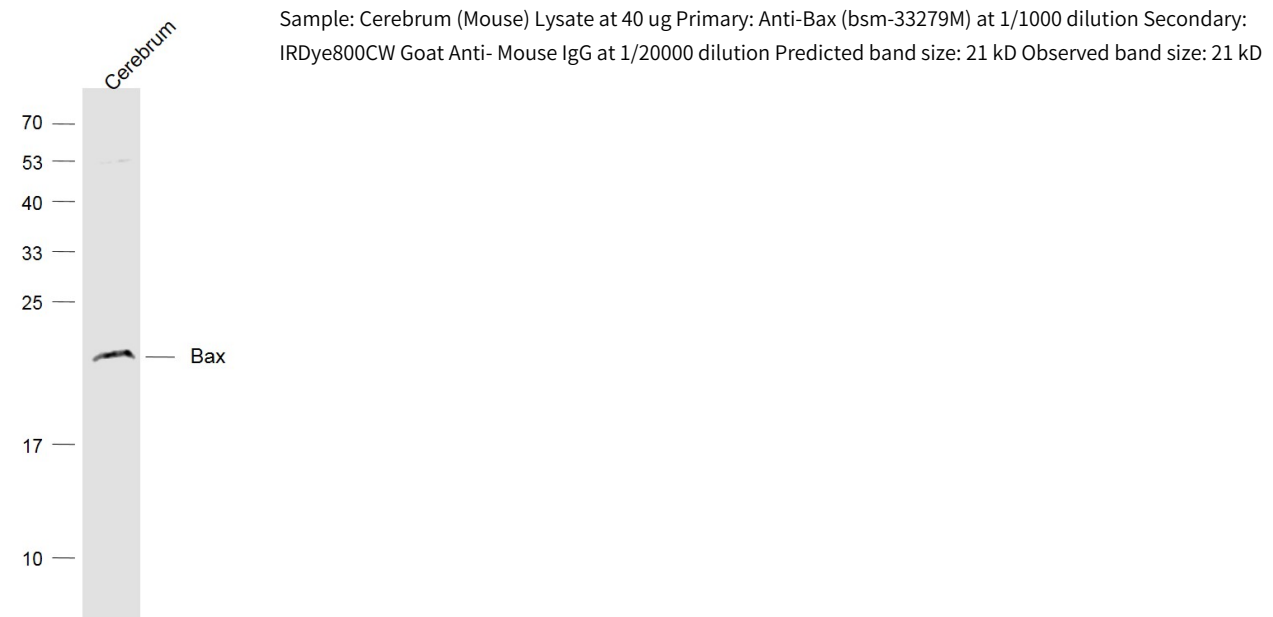
0.01M PBS

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

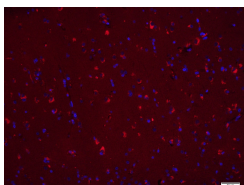
**Background:** The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form hetero- or homodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein forms a heterodimer with BCL2, and functions as an apoptotic activator. 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, Jul 2008].

## VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Bax ) Monoclonal Antibody, Unconjugated (bsm-33279M) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Mouse)(sp-0024) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Human brain glioma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Bax) Monoclonal Antibody, Unconjugated (bsm-33279M) at 1:400 overnight at 4°C, followed by a conjugated Goat Anti-Mouse IgG antibody (bs-0296G-CY3) for 90 minutes, and DAPI for nuclei staining.

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=18.027]** Guangmin Li. et al. Chiral FA Conjugated CdTe/CdS Quantum Dots for Selective Cancer Ablation. ACS NANO.

2022;16(8):12991–13001 WB ; Human . 35969155

**[IF=6.025]** Xuliang Zhang. et al. PINK1/Parkin-mediated mitophagy mitigates T-2 toxin-induced nephrotoxicity. FOOD CHEM TOXICOL.

2022 Jun;164:113078 WB ; Mouse . 35489469

**[IF=4.6]** Xianfei Yang. et al. Optineurin regulates motor and learning behaviors by affecting dopaminergic neuron survival in mice. EXP

NEUROL. 2024 Oct;;115007 WB ; Mouse . 39428042

**[IF=4.872]** Hanting Xu. et al. Melatonin alleviates benzo(a)pyrene-induced ovarian corpus luteum dysfunction by suppressing excessive oxidative stress and apoptosis. Ecotox Environ Safe. 2021 Jan;207:111561 IF ; Mouse . 33254415

**[IF=4.081]** Hu, Zhuoying. et al. Effects of Long-Term Exposure to Copper on Mitochondria-Mediated Apoptosis in Pig Liver. BIOL TRACE ELEM RES. 2022 Jun;;1-14 IHC ; Pig . 35666388