bsm-60772R **[Primary Antibody]**

Bax Recombinant Rabbit mAb

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DATASHEET

Host: Rabbit **Isotype:** IgG
Clonality: Recombinant
GeneID: 581 **SWISS:** Q07812
Target: Bax
Purification: affinity purified by Protein A
Concentration: 1mg/ml
Storage: PBS, Glycerol, BSA.
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].

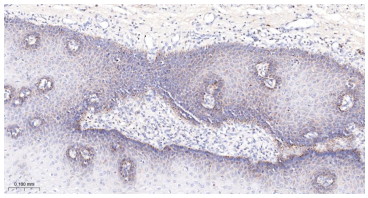
Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat

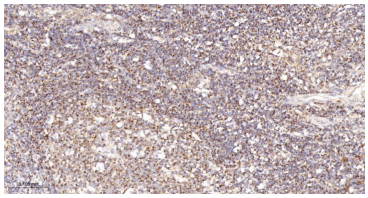
Predicted MW.: 21 kDa

Subcellular Location: Cell membrane ,Cytoplasm

VALIDATION IMAGES



Paraformaldehyde-fixed, paraffin embedded Human Esophagus; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Bax Monoclonal Antibody, Unconjugated (bsm-60772R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.



Paraformaldehyde-fixed, paraffin embedded Human Tonsil; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; The section was incubated with Bax Monoclonal Antibody, Unconjugated (bsm-60772R) at 1:200 overnight at 4°C, followed by conjugation to the bs-0295G-HRP and DAB (C-0010) staining.

SELECTED CITATIONS

- **[IF=2.2]** Zhufeng Tong. et al. Glycyrrhizin enhances the antitumor activity of cisplatin in non-small cell lung cancer cells by influencing DNA damage and apoptosis. ONCOL LETT. 2025 Apr;29(4):1-10 WB ;Human. 40070780