

Recombinant Bax Monoclonal Antibody

catalog number: **AN300976L**

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

Description

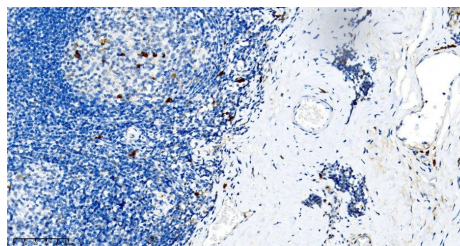
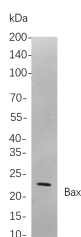
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human Bax protein
Host	Rabbit
Isotype	IgG, κ
Clone	B727
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

IHC	1:2000-1:5000
WB	1:1000-1:5000

Data



Western Blot with Recombinant Bax Monoclonal Antibody at dilution of 1:1000. Lane A: Hela cells. Immunohistochemistry of paraffin-embedded human tonsils using Recombinant Bax Monoclonal Antibody at dilution of 1:200.

Observed-MW:21 kDa
Calculated-MW:21 kDa

1:200.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

The protein encoded by BAX (BCL2 associated X, apoptosis regulator) 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 BAX.

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