

Datasheet for ABIN5611252
anti-BAX antibody (AA 13-160)

5 Images

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Overview

Quantity:	0.1 mg
Target:	BAX
Binding Specificity:	AA 13-160
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human BAX (AA: 13-160) expressed in E. coli.
Clone:	4H9B11
Isotype:	IgG2a
Purification:	purified

Target Details

Target:	BAX
Alternative Name:	BAX (BAX Products)
Background:	Description: The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family

Target Details

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.

Aliases: BCL2L4

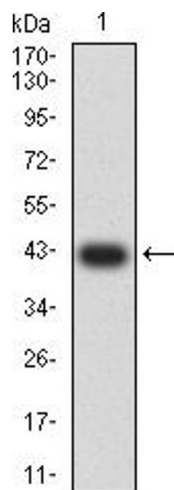
Molecular Weight:	21.2 kDa
Gene ID:	581
HGNC:	581
Pathways:	p53 Signaling , PI3K-Akt Signaling , Apoptosis , Caspase Cascade in Apoptosis , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response

Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: N/A, IHC: 1:200 - 1:1000
Restrictions:	For Research Use only

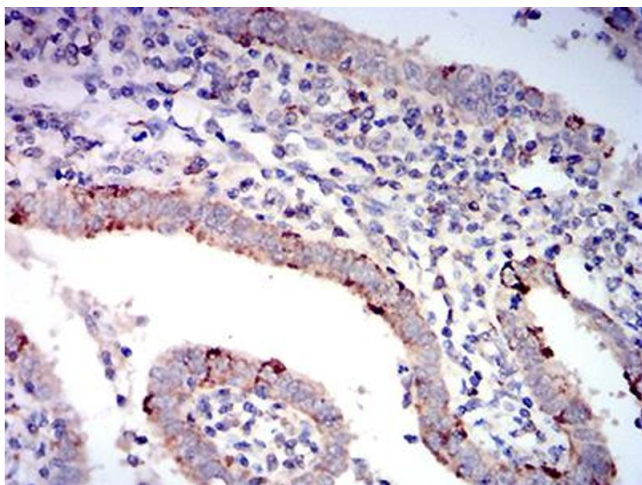
Handling

Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



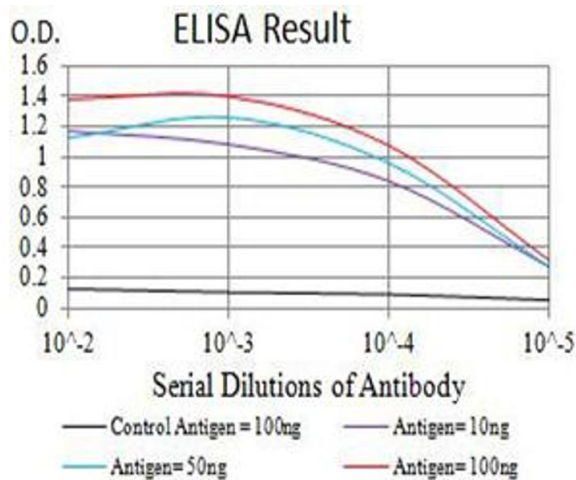
Western Blotting

Image 1. Western blot analysis using BAX mAb against human BAX (AA: 13-160) recombinant protein. (Expected MW is 42.5 kDa)



Immunohistochemistry

Image 2. Immunohistochemical analysis of paraffin-embedded endometrial cancer tissues using BAX mouse mAb with DAB staining.



ELISA

Image 3. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5611252.