

Datasheet for ABIN7193613

anti-BAX antibody**5** Images[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	BAX
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BAX antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	BAX Antibody
Immunogen:	Purified recombinant fragment of human BAX expressed in E. Coli.
Clone:	2G6B2
Isotype:	IgG2a
Purification:	Purified antibody

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 members

Target Details

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. The association and the ratio of BAX to BCL2 also determines survival or death of a cell following an apoptotic stimulus. 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: 21.2kDa

Gene ID: 581

UniProt: [Q07812](#)

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
FCM: 1/200-1/400

Restrictions: For Research Use only

Handling

Format: Liquid

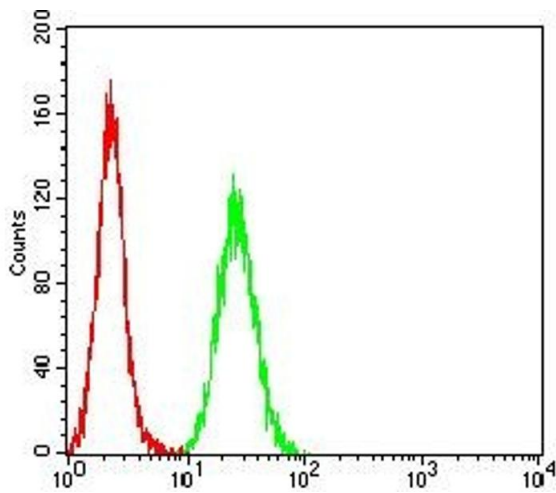
Buffer: Purified antibody in PBS with 0.05 % sodium azide.

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

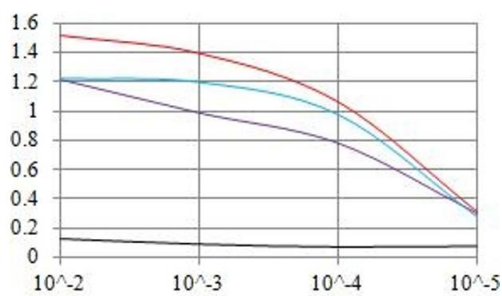
Storage Comment: Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.



Flow Cytometry

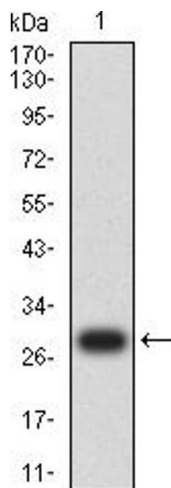
Image 1. Flow cytometric analysis of Hela cells using BAX mouse mAb (green) and negative control (red).

O.D. ELISA Result



Serial Dilutions of Antibody

— Control Antigen = 100ng — Antigen = 10ng
 — Antigen = 50ng — Antigen = 100ng



ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)

Western Blotting

Image 3. Western blot analysis using BAX mAb against human BAX recombinant protein. (Expected MW is 29.3 kDa)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN7193613.