



[Go to Product page](#)

Datasheet for ABIN873287  
**anti-Bax beta antibody (AA 141-218)**

### Overview

Quantity:	100 µL
Target:	Bax beta (BAX beta)
Binding Specificity:	AA 141-218
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Bax beta antibody is un-conjugated
Application:	Flow Cytometry (FACS), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), ELISA, Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

### Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Bax isoform beta
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

### Target Details

Target:	Bax beta (BAX beta)
Abstract:	<a href="#">BAX beta Products</a>

## Target Details

---

**Background:** Synonyms: Apoptosis regulator Bax cytoplasmic isoform beta, BAX, Bax B, Bax beta, BaxB, BCL2 associated X protein, BCL2 associated X protein isoform beta.

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].

---

**Gene ID:** 581

---

**UniProt:** [Q07812](#)

## Application Details

---

**Application Notes:** ELISA 1:500-1000  
FCM 1:20-100  
IHC-P 1:200-400  
IHC-F 1:100-500  
IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

---

**Restrictions:** For Research Use only

## Handling

---

**Format:** Liquid

---

**Concentration:** 1 µg/µL

---

**Buffer:** 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.

---

**Preservative:** ProClin

---

**Precaution of Use:** This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

---

**Storage:** 4 °C, -20 °C

---

## Handling

---

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

---

Expiry Date: 12 months