

Mouse Bax Monoclonal Antibody | anti-Bax antibody

Bax Mouse Monoclonal Antibody (1C1)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320513	Mouse	Human, Rat, Mouse	Immunofluorescence, Immunohistochemistry, Western Blot

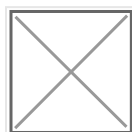
PRODUCT SYNONYMS

Bax; Monoclonal Antibody; Bax Mouse Monoclonal Antibody (1C1); anti-Bax antibody

PRODUCT SPECIFICATIONS

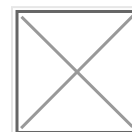
Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Clone Number	1C1
Specificity	Bax protein detects endogenous levels of BAX
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-Bax antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic Peptide of Bax at AA range of 30-110
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



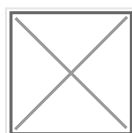
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Mouse Kidney Tissue using Bax Mouse mAb diluted at 1:200.



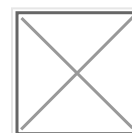
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human Breast Carcinoma Tissue using Bax Mouse mAb diluted at 1:200.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human breast cancer. 1. Using Bax Mouse mAb (AAA320513) diluted at 1:200 (4 degree overnight). 2. High-pressure and temperature Citric acid. pH6.0 was used for antigen retrieval. 3.Secondary antibody was diluted at 1:200(room temperature. 50min). Picture was kindly provided by our customer from Tianjin Medical University Cancer Institute and Hospital



WB (Western Blot)

Western blot detection of Bax in human breast cancer cell line MCF-7(A), MDA-MB-231(B) and Cal51 (C) using Bax mouse mAb (AAA320513, 1:1000 diluted).Predicted band size: 20kDa.Observed band size:20kDa. Picture was kindly provided by our customer from Tianjin Medical University Cancer Institute and Hospital

ADDITIONAL INFORMATION

Related Product Information for anti-Bax antibody	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.
Product Categories/Family for anti-Bax antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	4757838
NCBI GeneID	581
NCBI Accession #	NP_004315.1
NCBI GenBank Nucleotide #	NM_004324.3
UniProt Accession #	Q07812; P55269; Q07814; Q07815; Q8WZ49; Q9NR76; Q9NYG7; Q9UCZ6; Q9UCZ7; Q9UQD6; A8K4W1
Molecular Weight	21,184 Da
NCBI Official Full Name	apoptosis regulator BAX isoform beta
NCBI Official Synonym Full Names	BCL2-associated X protein
NCBI Official Symbol	BAX
NCBI Official Synonym Symbols	BCL2L4
NCBI Protein Information	apoptosis regulator BAX; bcl2-L-4; bcl-2-like protein 4; BCL2-associated X protein omega; BCL2-associated X protein transcript variant delta2
UniProt Protein Name	Apoptosis regulator BAX
UniProt Gene Name	BAX
UniProt Synonym Gene Names	BCL2L4; Bcl2-L-4
UniProt Entry Name	BAX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/bax-antibody-clone-1c1-immunofluorescence-immunohistochemistry-western-blot-elisa/320513>