

# Product Datasheet

## Bax Antibody (SZ3-07) **NBP2-67365**

Unit Size: 100  $\mu$ l

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-67365**

## Bax Antibody (SZ3-07)

## Product Information

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	SZ3-07
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

## Product Description

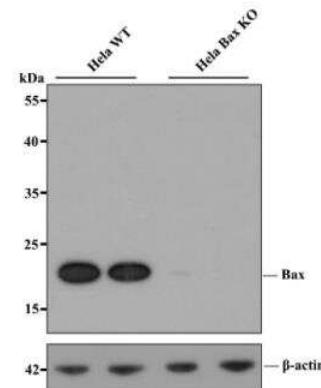
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	BAX
<b>Species</b>	Human, Mouse, Rat, Goat
<b>Immunogen</b>	Synthetic peptide within Human Bax aa 1-50 / 192. (SwissProt: Q07812 Human; SwissProt: Q07813 Mouse; SwissProt: Q63690 Rat)

## Product Application Details

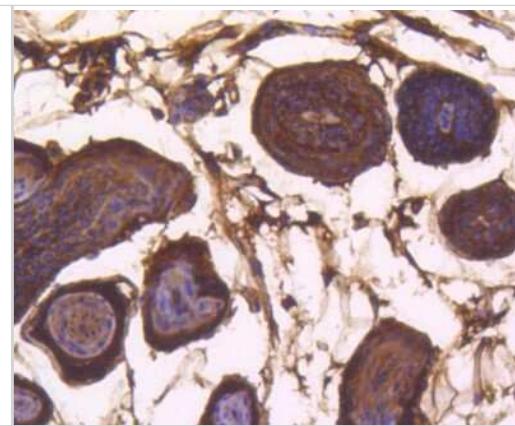
<b>Applications</b>	Western Blot, Flow Cytometry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, Flow Cytometry 1:50-1:100, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	IP-Assay dependent

## Images

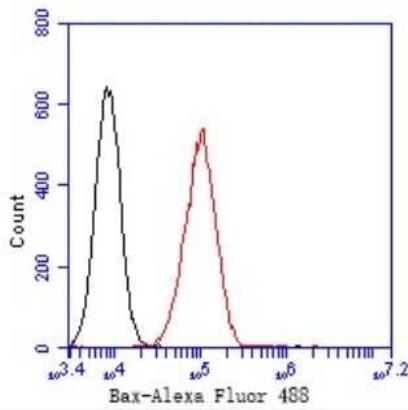
Western Blot: Bax Antibody (SZ3-07) [NBP2-67365] - All lanes: Western blot analysis of Bax with anti-Bax antibody [SZ3-07] at 1:1,000 dilution. Lane 1/2: Wild-type Hela whole cell lysate (20 ug). Lane 3/4: Bax knockout Hela whole cell lysate (20 ug). NBP2-67365 was shown to specifically react with Bax in wild-type Hela cells. No band was observed when Bax knockout samples were tested. Wild-type and Bax knockout samples were subjected to SDS-PAGE. Proteins were transferred to a PVDF membrane and blocked with 5% NFDM in TBST for 1 hour at room temperature. The primary antibody (1/1,000) and Loading control antibody (Rabbit anti-betta-actin, 1/1,000) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG-HRP Secondary Antibody at 1:200,000 dilution was used for 1 hour at room temperature.



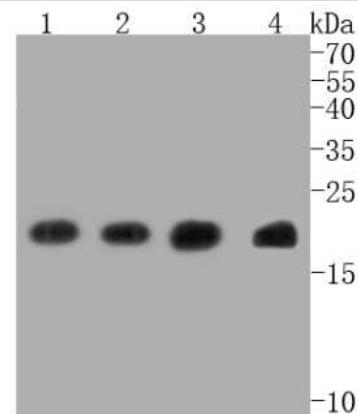
Immunohistochemistry-Paraffin: Bax Antibody (SZ3-07) [NBP2-67365] - Analysis of paraffin-embedded mouse skin tissue using anti-Bax antibody. Counter stained with hematoxylin.



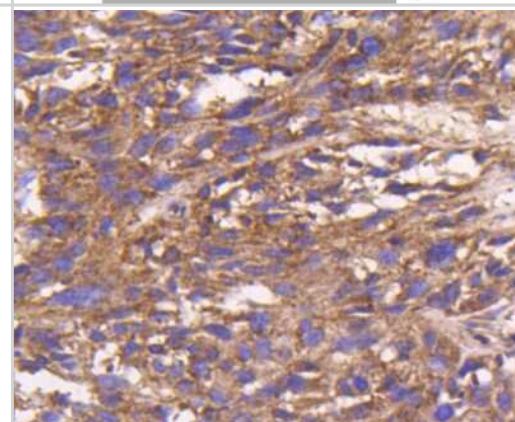
Flow Cytometry: Bax Antibody (SZ3-07) [NBP2-67365] - Flow cytometric analysis of Bax was done on A549 cells. The cells were fixed, permeabilized and stained with the primary antibody (ET1603-34, 1/50) (red). After incubation of the primary antibody at room temperature for an hour, the cells were stained with a Alexa Fluor 488-conjugated Goat anti-Rabbit IgG Secondary antibody at 1/1000 dilution for 30 minutes. Unlabeled sample was used as a control (cells without incubation with primary antibody; black).



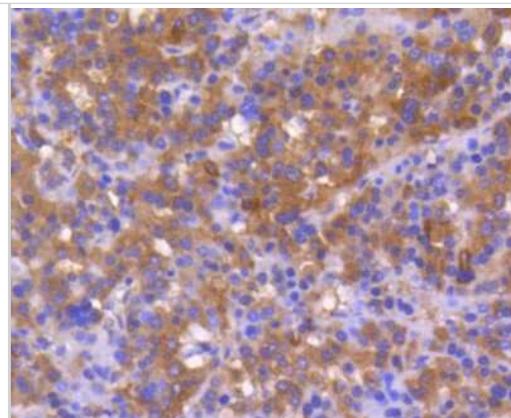
Western Blot: Bax Antibody (SZ3-07) [NBP2-67365] - Western blot analysis of Bax on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit



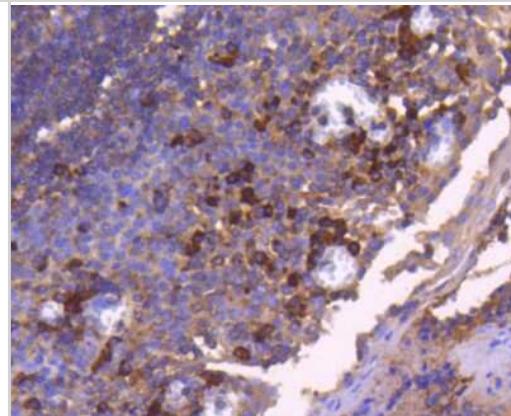
Immunohistochemistry-Paraffin: Bax Antibody (SZ3-07) [NBP2-67365] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-Bax antibody. Counter stained with hematoxylin.



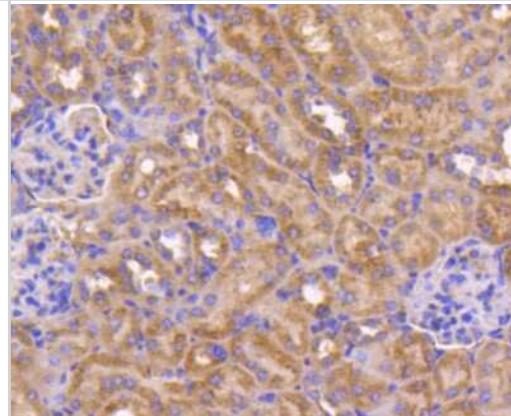
Immunohistochemistry-Paraffin: Bax Antibody (SZ3-07) [NBP2-67365] - Analysis of paraffin-embedded human liver cancer tissue using anti-Bax antibody. Counter stained with hematoxylin.



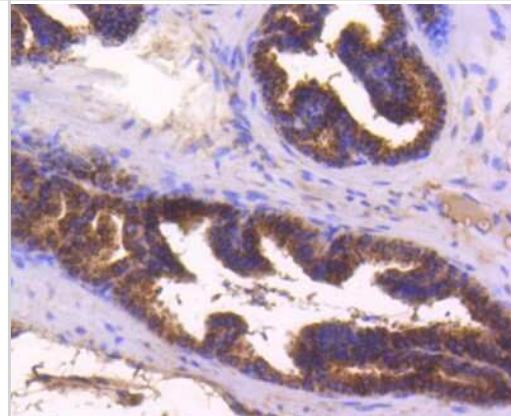
Immunohistochemistry-Paraffin: Bax Antibody (SZ3-07) [NBP2-67365] - Analysis of paraffin-embedded human tonsil tissue using anti-Bax antibody. Counter stained with hematoxylin.



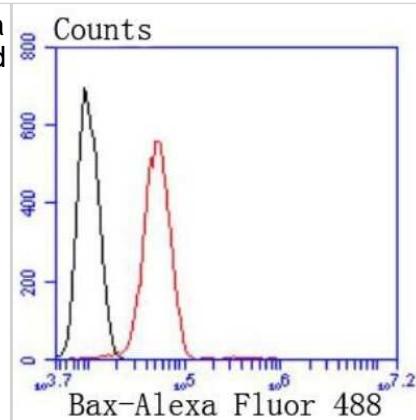
Immunohistochemistry-Paraffin: Bax Antibody (SZ3-07) [NBP2-67365] - Analysis of paraffin-embedded mouse kidney tissue using anti-Bax antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: Bax Antibody (SZ3-07) [NBP2-67365] - Analysis of paraffin-embedded mouse prostate tissue using anti-Bax antibody. Counter stained with hematoxylin.



Flow Cytometry: Bax Antibody (SZ3-07) [NBP2-67365] - Analysis of HeLa cells with Bax antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.





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## Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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