

# Product Datasheet

## BAK Antibody (SU32-07) NBP2-67460

Unit Size: 100 ul

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

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**NBP2-67460**

BAK Antibody (SU32-07)

**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>	SU32-07
<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**

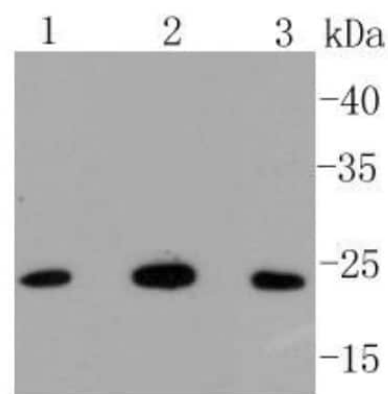
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	BAK1
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide within Human BAK aa 1-50 / 211. (SwissProt: Q16611 Human; SwissProt: O08734 Mouse)

**Product Application Details**

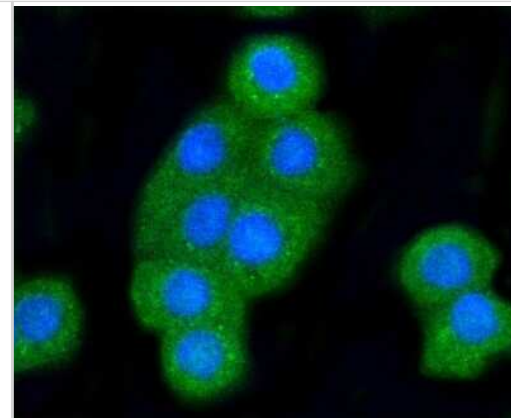
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:500
<b>Application Notes</b>	IP: Use at an assay dependent concentration.

**Images**

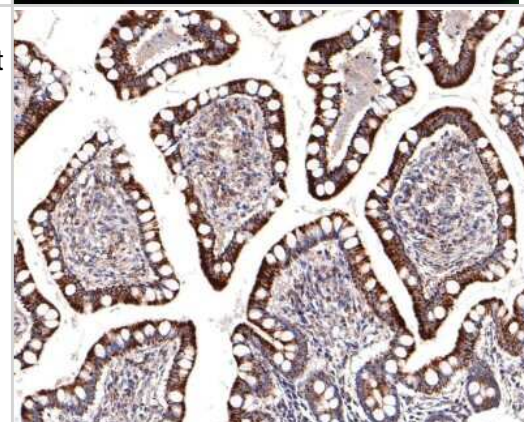
Western Blot: BAK Antibody (SU32-07) [NBP2-67460] - Analysis of Bak on different lysates using anti-Bak antibody at 1/1,000 dilution. Positive control: Lane 1: Hela Lane 2: Human skeletal muscle Lane 3: Ags



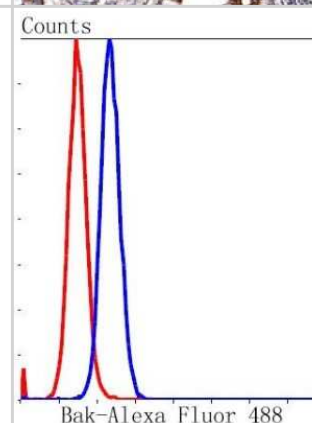
**Immunocytochemistry/Immunofluorescence:** BAK Antibody (SU32-07) [NBP2-67460] - Staining Bak in CRC cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



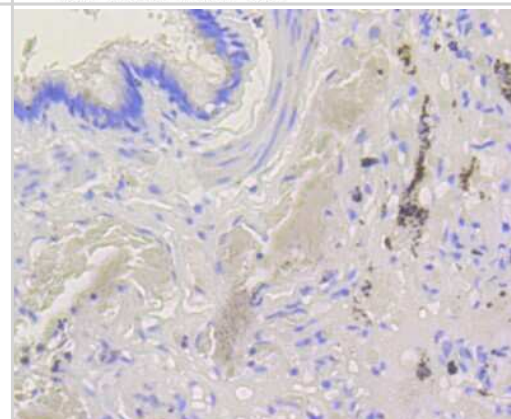
**Immunohistochemistry-Paraffin:** BAK Antibody (SU32-07) [NBP2-67460] - Analysis of paraffin-embedded human small intestine tissue with Rabbit anti-Bak antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



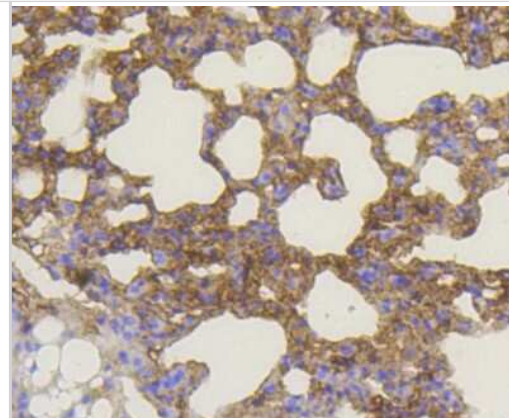
**Flow Cytometry:** BAK Antibody (SU32-07) [NBP2-67460] - Analysis of NIH/3T3 cells with Bak antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



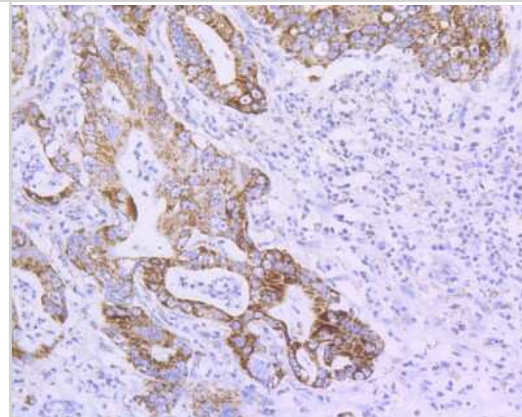
**Immunohistochemistry-Paraffin:** BAK Antibody (SU32-07) [NBP2-67460] - Analysis of paraffin-embedded human lung tissue using anti-Bak antibody. Counter stained with hematoxylin.



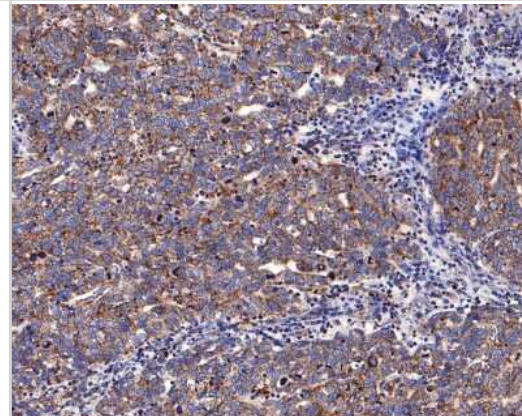
Immunohistochemistry-Paraffin: BAK Antibody (SU32-07) [NBP2-67460]  
 - Analysis of paraffin-embedded mouse lung tissue using anti-Bak antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: BAK Antibody (SU32-07) [NBP2-67460]  
 - Immunohistochemical analysis of paraffin-embedded human stomach carcinoma tissue using anti-BAK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (ET1608-21, 1/50) for 30 minutes at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



Immunohistochemistry-Paraffin: BAK Antibody (SU32-07) [NBP2-67460]  
 - Analysis of paraffin-embedded human stomach carcinoma tissue with Rabbit anti-BAK antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/500 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.



## Publications

Yu, CC;Li, CF;Chen, IH;Lai, MT;Lin, ZJ;Korla, PK;Chai, CY;Ko, G;Chen, CM;Hwang, T;Lee, SC;Sheu, JJ; YWHAZ amplification/overexpression defines aggressive bladder cancer and contributes to chemo-/radio-resistance by suppressing caspase-mediated apoptosis J. Pathol. 2019-04-03 [PMID: 30945298] (ICC/IF, Human)



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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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