

Datasheet for ABIN4903006

anti-BAK1 antibody**4** Images[Go to Product page](#)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | BAK1 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Monoclonal |
| Conjugate: | This BAK1 antibody is un-conjugated |
| Application: | Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunoprecipitation (IP) |

Product Details

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|------------------|---|
| Immunogen: | Recombinant protein of human BAK1. |
| Isotype: | IgG |
| Characteristics: | The protein encoded by this gene belongs to the BCL2 protein family. BCL2 family members form oligomers or heterodimers and act as anti- or pro-apoptotic regulators that are involved in a wide variety of cellular activities. This protein localizes to mitochondria, and functions to induce apoptosis. It interacts with and accelerates the opening of the mitochondrial voltage-dependent anion channel, which leads to a loss in membrane potential and the release of cytochrome c. This protein also interacts with the tumor suppressor P53 after exposure to cell stress. |
| Purification: | Affinity purification |

Target Details

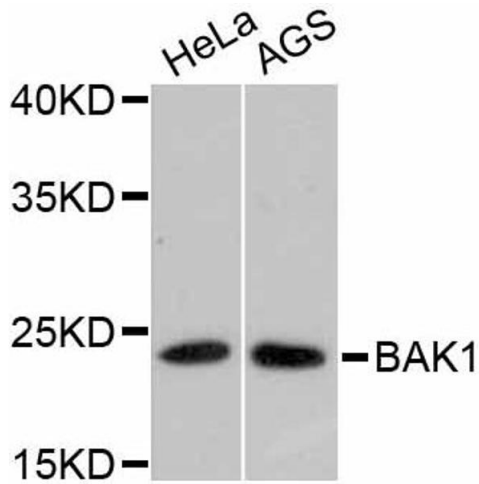
| | |
|-------------------|---|
| Target: | BAK1 |
| Alternative Name: | Bak (BAK1 Products) |
| Gene ID: | 578 |
| UniProt: | Q16611 |
| Pathways: | Apoptosis , Steroid Hormone Mediated Signaling Pathway , ER-Nucleus Signaling , Positive Regulation of Endopeptidase Activity , Unfolded Protein Response |

Application Details

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|--------------------|---|
| Application Notes: | WB 1:500-1:2000 , IHC 1:50-1:200 , ICC 1:50-1:200 , IF 1:50-1:100 , IP 1:20-1:50 , FC 1:20-1:50 |
| Restrictions: | For Research Use only |

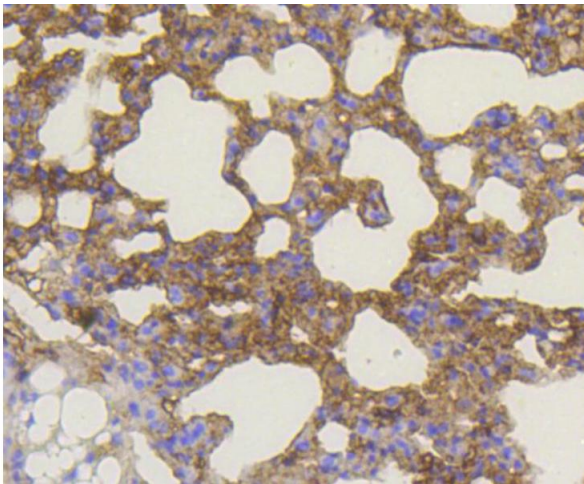
Handling

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|--------------------|--|
| Format: | Liquid |
| Concentration: | 1 mg/mL |
| Buffer: | PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.4 |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze/thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | Store at -20°C. |



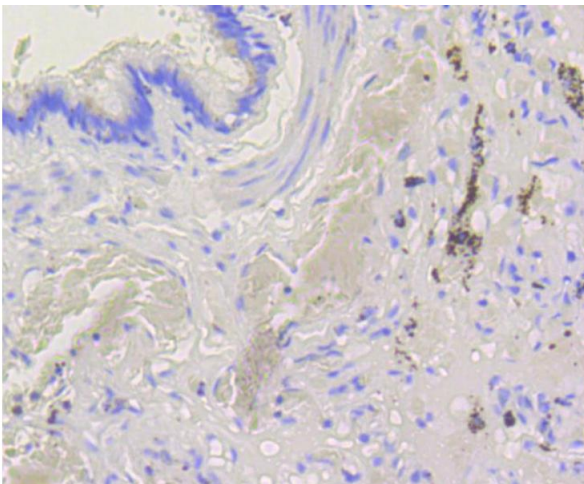
Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using BAK1 antibody (ABIN4903006). Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST.



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded mouse lung using BAK1 antibody (ABIN4903006) at dilution of 1:100 (40x lens).



Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human lung using BAK1 antibody (ABIN4903006) at dilution of 1:100 (40x lens).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN4903006.