

Product datasheet

Anti-Bak antibody ab69404

★★★★★ 1 Abreviews 3 Images

Overview

| | |
|----------------------------|--|
| Product name | Anti-Bak antibody |
| Description | Rabbit polyclonal to Bak |
| Tested applications | Suitable for: WB, IP, ICC/IF |
| Species reactivity | Reacts with: Hamster, Human, Pig, Monkey |
| Immunogen | Synthetic peptide derived from the sequence of human Bak, conjugated to KLH. |
| Positive control | A431 or HeLa cells. Cervical cancer tissue. |

Properties

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|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | Preservative: 0.09% Sodium azide Constituents: PBS, 50% Glycerol |
| Purity | Immunogen affinity purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

Our [Abpromise guarantee](#) covers the use of **ab69404** in the following tested applications.

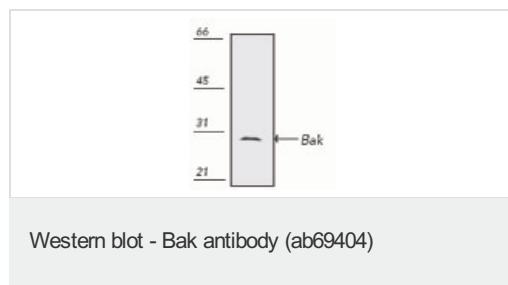
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|--|
| WB | ★★★★★ | 1/1000. Detects a band of approximately 28 kDa (predicted molecular weight: 23 kDa). |
| IP | | 1/100. |
| ICC/IF | | Use at an assay dependent dilution. |

Target

| | |
|------------------------------|---|
| Function | In the presence of an appropriate stimulus, accelerates programmed cell death by binding to, and antagonizing the anti-apoptotic action of BCL2 or its adenovirus homolog E1B 19k protein. Low micromolar levels of zinc ions inhibit the promotion of apoptosis. |
| Tissue specificity | Expressed in a wide variety of tissues, with highest levels in the heart and skeletal muscle. |
| Sequence similarities | Belongs to the Bcl-2 family. |
| Domain | Intact BH3 motif is required by BIK, BID, BAK, BAD and BAX for their pro-apoptotic activity and for their interaction with anti-apoptotic members of the Bcl-2 family. |
| Cellular localization | Mitochondrion membrane. |

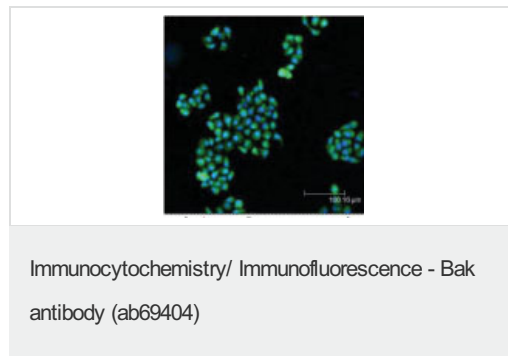
Images



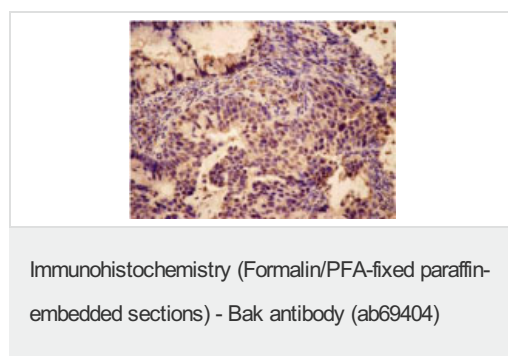
Anti-Bak antibody (ab69404) at 1/1000 dilution + A431 cell lysate

Predicted band size : 23 kDa

Observed band size : 28 kDa



Immunofluorescent staining of HeLa cells using ab69404. nuclei were counter-stained using DRAQ5.



Immunohistochemical analysis of human cervical cancer tissue using 1/50 ab69404.

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