

Product datasheet

Anti-Bak antibody ab69404

★★★★★ 1 Abreviews 3 Images

Overview

Product name	Anti-Bak antibody
Description	Rabbit polyclonal to Bak
Host species	Rabbit
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

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.

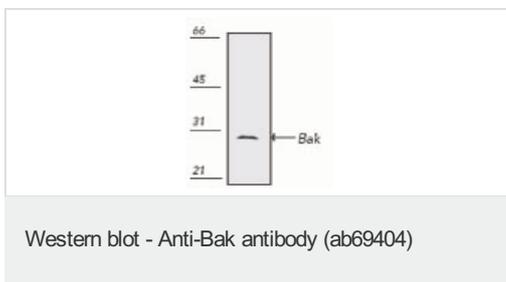
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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

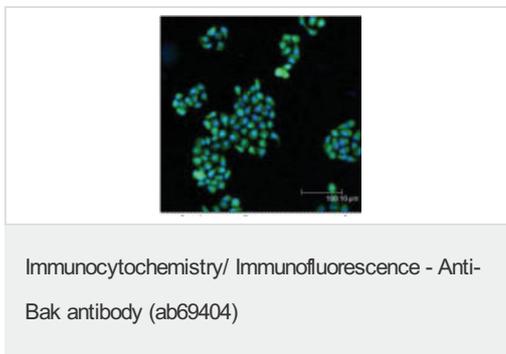


Anti-Bak antibody (ab69404) at 1/1000 dilution + A431 cell lysate

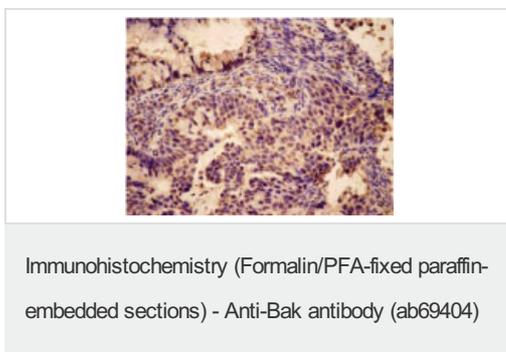
Predicted band size: 23 kDa

Observed band size: 28 kDa

[why is the actual band size different from the predicted?](#)



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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