

Product datasheet

Anti-Bak antibody [AT38E2] ab104124

★★★★☆ 2 Abreviews 1 References 2 Images

Overview

Product name	Anti-Bak antibody [AT38E2]
Description	Mouse monoclonal [AT38E2] to Bak
Tested applications	Suitable for: WB, ELISA, ICC/IF
Species reactivity	Reacts with: Mouse, Human
Immunogen	Recombinant fragment corresponding to amino acids 29-187 of Human Bak, purified from E. coli.
Positive control	Mouse lung lysate; HeLa cells

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: 0.1% Sodium Azide Constituents: PBS, pH 7.4
Purity	Protein A purified
Clonality	Monoclonal
Clone number	AT38E2
Isotype	IgG2a
Light chain type	kappa

Applications

Our [Abpromise guarantee](#) covers the use of **ab104124** in the following tested applications.

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

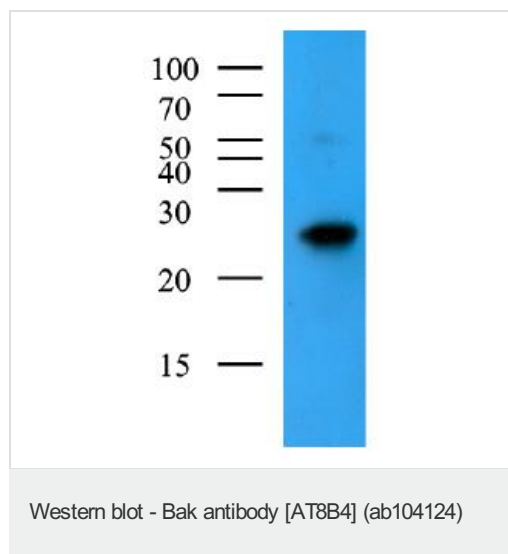
Application	Abreviews	Notes
WB	★★★★☆	1/250 - 1/500. Predicted molecular weight: 23 kDa.
ELISA		1/250.

Application	Abreviews	Notes
ICC/IF		1/250 - 1/500.

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

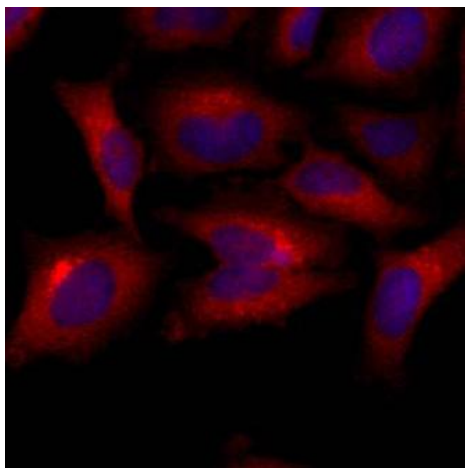


Anti-Bak antibody [AT38E2] (ab104124) at
1/500 dilution + Mouse lung lysate at 35 µg

Secondary

Goat anti-mouse HRP conjugate
Developed using the ECL technique

Predicted band size : 23 kDa



Immunofluorescence staining of Bak in HeLa cells using Hoechst 3342 (Blue) for nucleus staining and ab104124 antibody (1/500) with Texas Red (Red).

Immunocytochemistry/ Immunofluorescence - Bak antibody [AT8B4] (ab104124)

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