

Anti-BAK1 Antibody (2V22)

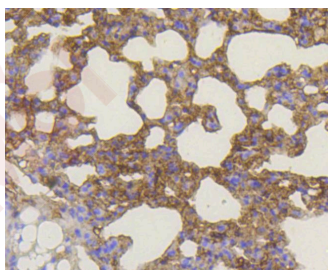
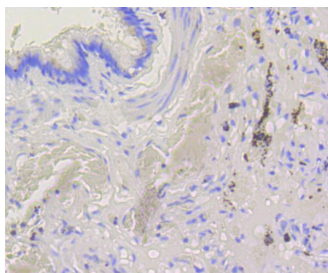
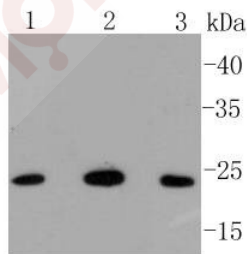
Product Details

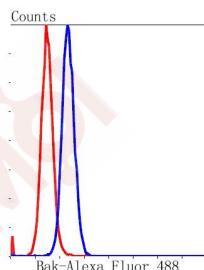
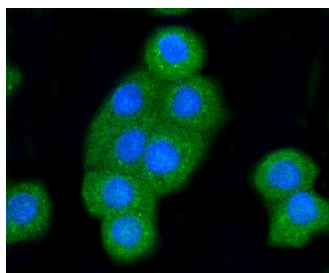
Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 23 kDa.
Clone:	2V22
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Western blot 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.
2. Immunohistochemical analysis of paraffin-embedded human lung tissue using anti-Bak antibody. Counter stained with hematoxylin.
3. Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-Bak antibody. Counter stained with hematoxylin.
4. ICC 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.
5. Flow cytometric 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.





Application: FCM,ICC/IF,IHC,IP,WB

Recommended WB: 1:1000-2000; IHC: 1:50-200; ICC/IF: 1:50-200; FCM: 1:50-100

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

Immunogen: Recombinant Protein

Uniprot ID: Q16611

Synonyms: Apoptosis regulator BAK;BAK 1;CDN1;BCL2L7;BAK;Bcl-2 homologous antagonist/killer;Bcl-2-like protein 7;Bcl2-L-7

Research Background

The Bcl-2 family of proteins is characterized by its ability to modulate cell death (apoptosis) under a broad range of physiologic conditions. Bcl-2 and several related proteins function to inhibit apoptosis, while other members of the Bcl-2 family, such as Bax, accelerate death under various conditions. One member of the Bcl-2 family, designated Bak, functions primarily to enhance apoptotic cell death following appropriate activating signals and counteracts the protection from apoptosis provided by Bcl-2. Expression of Bak is widespread in a broad range of cells, including various long-lived, terminally differentiated cell types, suggesting that its cell-death-inducing activity is broadly distributed and that the regulation of inhibitors of apoptosis may represent an important determinant of tissue-specific modulation of apoptosis.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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