

KD-Validated Anti-BAX Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

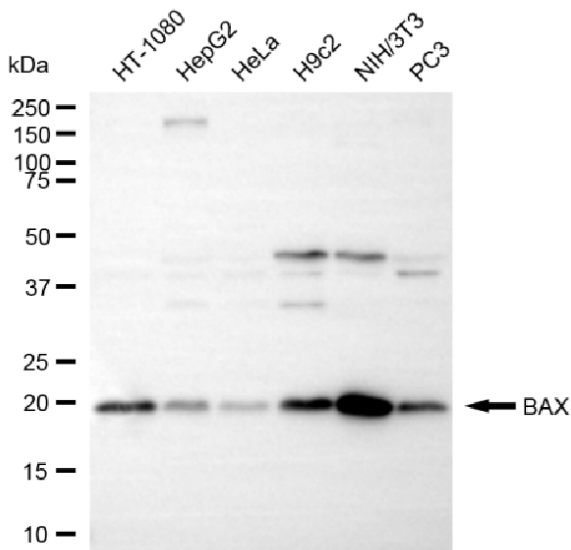
ABG1090

Product Overview

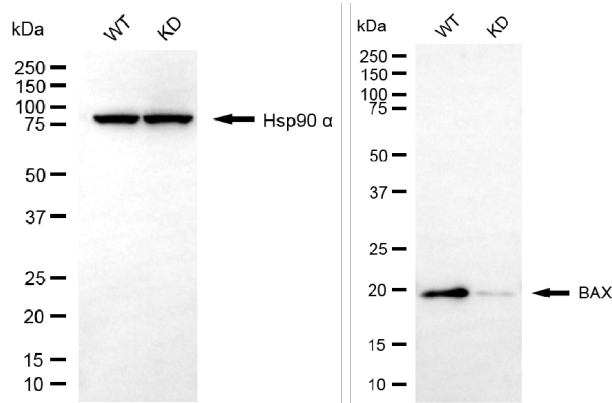
Name	KD-Validated Anti-BAX Rabbit Monoclonal Antibody
Accession(Primary)	Q07812
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human Bax
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 21 kDa, observed, 21 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:100-1:1,000

Target information (Q07812)

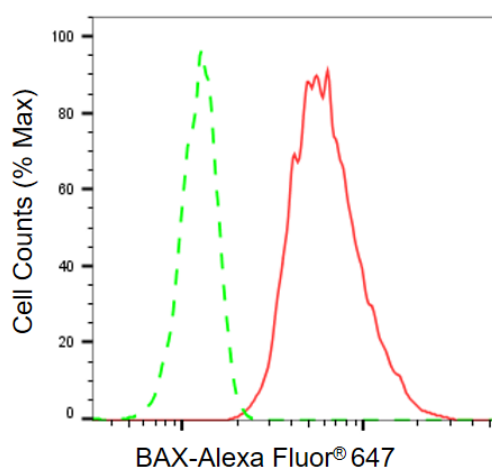
Gene Name	BAX
About Gene Symbol	BAX (BCL2 Associated X, Apoptosis Regulator) is a protein kinase and signaling regulator involved in apoptosis. It is an important research target in cancer, cell signaling, and therapeutic target research and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



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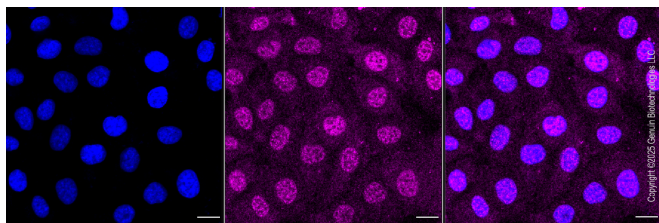


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Western blotting analysis using anti-BAX antibody (Cat#ABG1090). Total cell lysates (10 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BAX antibody (Cat#ABG1090, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Western blotting analysis using anti-BAX antibody (Cat#ABG1090). BAX expression in wild type (WT) and BAX knockdown (KD) HSHC cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-BAX antibody (Cat#ABG1090, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.

Flow cytometric analysis of BAX expression in HT-1080 cells using anti-BAX antibody (Cat#ABG1090, 1:2,000). Green, isotype control; red, BAX.



Immunocytochemical staining of HT-1080 cells with anti-BAX antibody (Cat#ABG1090, 1:1000). Nuclei were stained blue with DAPI; BAX was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar, 20 μ m.