

KD-Validated Anti-BNIP3 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

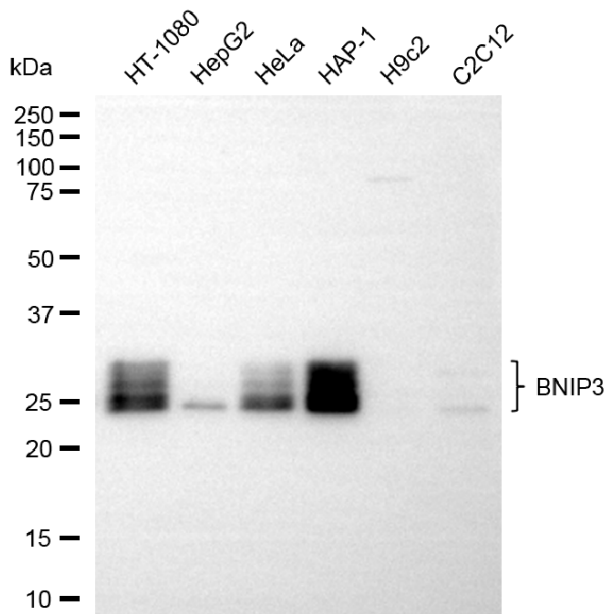
ABG2099

Product Overview

Name	KD-Validated Anti-BNIP3 Rabbit Monoclonal Antibody
Accession(Primary)	Q12983
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human BNIP3
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 22 kDa, observed, 24 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): 1:1,000

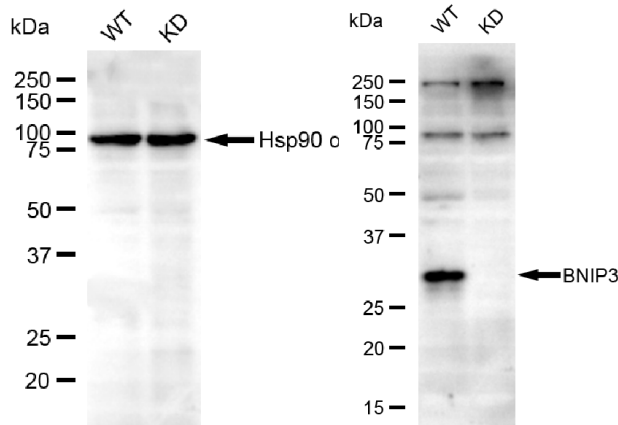
Target information (Q12983)

Gene Name	BNIP3
About Gene Symbol	BNIP3 (BCL2 Interacting Protein 3) is a structural cytoskeletal protein involved in apoptosis. It is an important research target in infectious disease and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



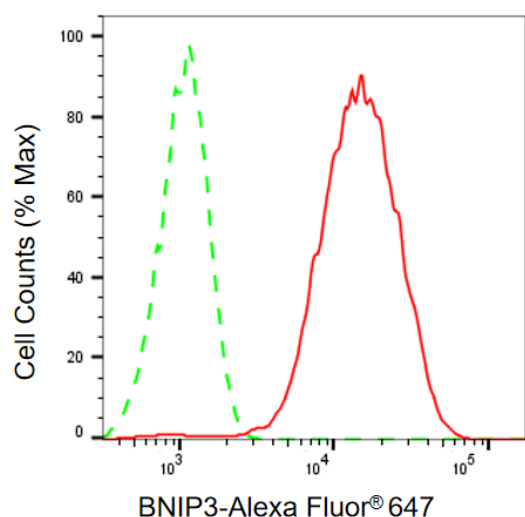
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Western blotting analysis using anti-BNIP3 antibody (Cat#ABG2099). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BNIP3 antibody (Cat#ABG2099, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Western blotting analysis using anti-BNIP3 antibody (Cat#ABG2099). BNIP3 expression in wild-type (WT) and BNIP3 knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-BNIP3 antibody (Cat#ABG2099, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively.



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Flow cytometric analysis of BNIP3 expression in HepG2 cells using anti-BNIP3 antibody (Cat#ABG2099, 1:1,000). Green, isotype control; red, BNIP3.