[KD Validated] Anti-BID Mouse mAb

Purified Recombinant Mouse Monoclonal Antibody

Catalog # M020682

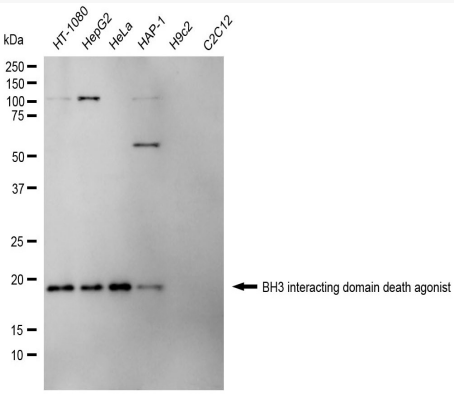
Product Information

Application	WB, FC
Reactivity	Human
Dilution	WB 1:1,000~1:5,000; FC 1:200~1:2,000
Host	Mouse
Clonality	Monoclonal
Clone No.	69P62S86
Isotype	IgG
Label	Unconjugated
Immunogen	Recombinant protein of human BID
Format	Affinity purified monoclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 12 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	[KD Validated] Anti-BID Mouse mAb [69P62S86] is for research use only and not for use in diagnostic or therapeutic procedures.

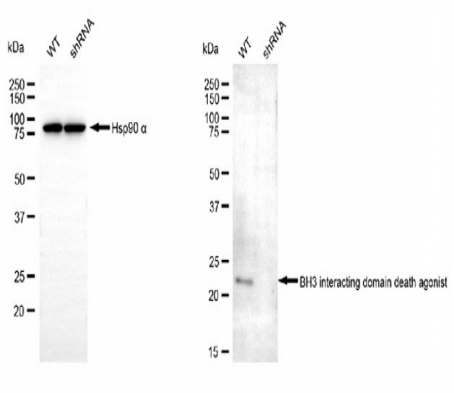
Protein Information

Synonyms	BID; BH3 Interacting Domain Death Agonist; BH3-Interacting Domain Death Agonist; P22 BID; Human BID Coding Sequence; Apoptic Death Agonist; Desmocollin Type 4; FP497.
Calculated MW	Calculated MW: 22 kDa; Observed MW: 19 kDa
Uniprot ID	P55957
Gene ID	637
Background	The major proteolytic product p15 BID allows the release of cytochrome c (By similarity). Isoform 1, isoform 2 and isoform 4 induce ICE-like proteases and apoptosis. Isoform 3 does not induce apoptosis. Counters the protective effect of Bcl-2.

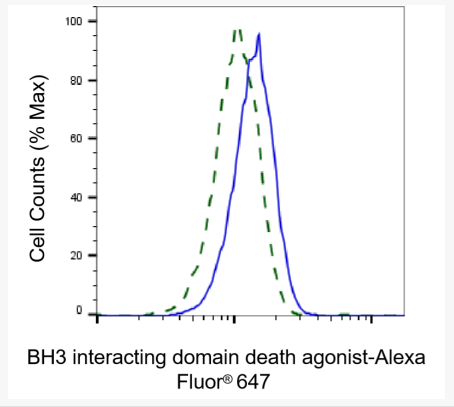
Validation Images



Western blotting analysis using BH3 interacting domain death agonist antibody (M020682). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BH3 interacting domain death agonist antibody (M020682, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Western blotting analysis using BH3 interacting domain death agonist antibody (M020682). BH3 interacting domain death agonist expression in wild-type (WT) and BH3 interacting domain death agonist (BID) shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with BH3 interacting domain death agonist antibody (M020682, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (1:20,000) respectively. Image was developed using ECL Substrate Kit.



Validation of BH3 interacting domain death agonist knockdown using flow cytometry. Wild-type(WT, Blue) and knockdown(KD, Green) HeLa cells were stained with BH3 interacting domain death agonist antibody (M020682, 1:2,000) and analyzed using BD flow cytometer.