
Product Name: KD-Validated BID Mouse Monoclonal Antibody**Catalog #: KVA00628**

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Mouse
Application	WB,FCM,ICC
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgG1
Clonality	Mouse mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000; FC 1:200-1:2,000; ICC 1:100-1:1,000
Molecular Weight	Calculated MW: 22.0kDa

Antigen Information

Gene Name	BID
Alternative Names	BID; BH3 Interacting Domain Death Agonist; BH3-Interacting Domain Death Agonist; P22 BID; Human BID Coding Sequence; Apoptic Death Agonist; Desmocollin Type 4; FP497
Gene ID	637.0
SwissProt ID	P55957
Immunogen	Recombinant protein of human BID

Background

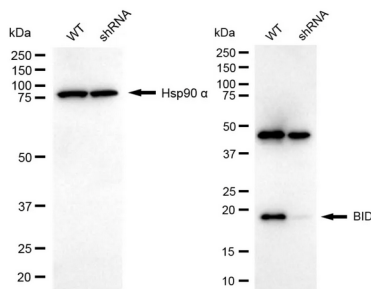
This gene encodes a death agonist that heterodimerizes with either agonist BAX or antagonist BCL2, and thus regulate apoptosis. The encoded protein is a member of the BCL-2 family of cell death regulators. It is a mediator of mitochondrial damage induced by caspase-8 (CASP8); CASP8 cleaves this encoded protein, and the COOH-terminal part translocates to

mitochondria where it triggers cytochrome c release. Multiple alternatively spliced transcript variants have been found. [provided by RefSeq, Aug 2020]

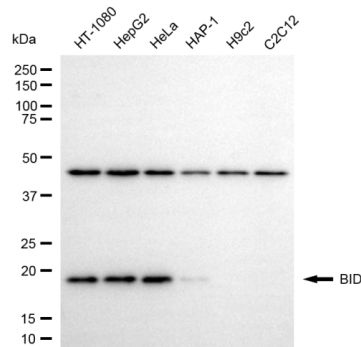
Research Area

Cell Biology,Cancer,Metabolism

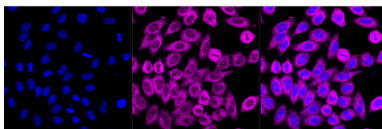
Image Data



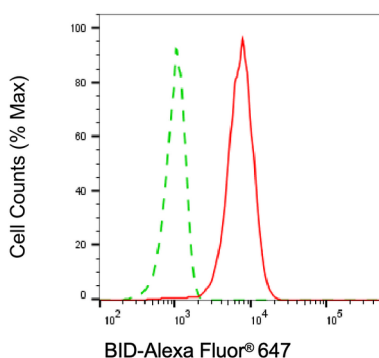
Western blotting analysis using BID antibody (KVA00628). BID expression in wild-type (WT) and BID shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with BID antibody (KVA00628, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Western blotting analysis using BID antibody (KVA00628). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with BID antibody (KVA00628, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (APS0631, 1:10,000) respectively.



Immunocytochemical staining of HepG2 cells with BID antibody (KVA00628, 1:1,000). Nuclei were stained blue with DAPI; BID 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 µm.



Flow cytometric analysis of BID expression in HepG2 cells using BID antibody (KVA00628, 1:2,000). Green, isotype control; red, BID.