

KD-Validated Anti-BID Mouse Monoclonal Antibody
Mouse monoclonal antibody
Catalog # AGI1971**Specification**

KD-Validated Anti-BID Mouse Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P55957
Reactivity	Human
Clonality	Monoclonal
Isotype	Mouse IgG1
Calculated MW	Predicted, 22 kDa, observed, 18 kDa KDa
Gene Name	BID
Aliases	BID; BH3 Interacting Domain Death Agonist; BH3-Interacting Domain Death Agonist; P22 BID; Human BID Coding Sequence; Apoptic Death Agonist; Desmocollin Type 4; FP497
Immunogen	Recombinant protein of human BID

KD-Validated Anti-BID Mouse Monoclonal Antibody - Additional Information

Gene ID	637
Other Names	BH3-interacting domain death agonist, p22 BID, BID, BH3-interacting domain death agonist p15, p15 BID, BH3-interacting domain death agonist p13, p13 BID, BH3-interacting domain death agonist p11, p11 BID, BID

KD-Validated Anti-BID Mouse Monoclonal Antibody - Protein Information**Name** BID**Function**

Induces caspases and apoptosis (PubMed:14583606). Counters the protective effect of BCL2 (By similarity).

Cellular Location

Cytoplasm. Mitochondrion membrane. Mitochondrion outer membrane. Note=When uncleaved, it is predominantly cytoplasmic. [BH3-interacting domain death agonist p13]: Mitochondrion membrane {ECO:0000250|UniProtKB:P70444}. Note=Associated with the mitochondrial membrane. {ECO:0000250|UniProtKB:P70444} [Isoform 3]: Cytoplasm

Tissue Location

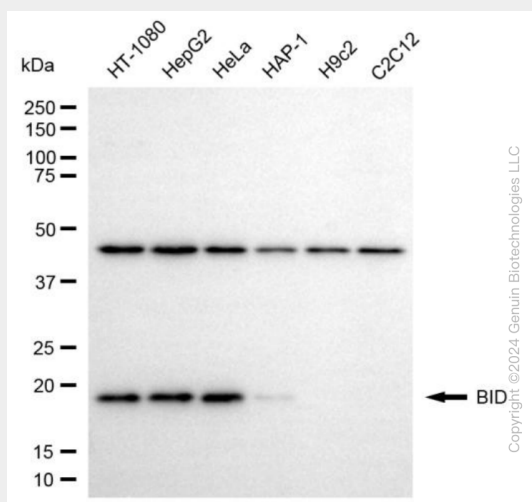
[Isoform 2]: Expressed in spleen, pancreas and placenta (at protein level). [Isoform 4]: Expressed in lung and pancreas (at protein level).

KD-Validated Anti-BID Mouse Monoclonal Antibody - Protocols

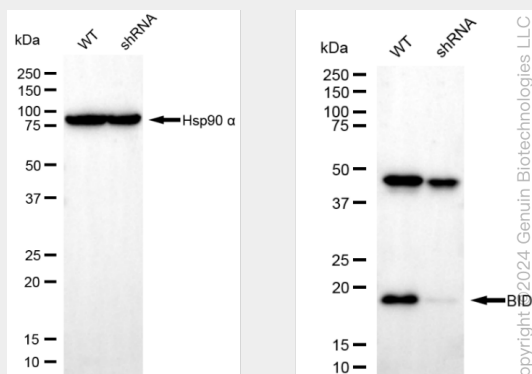
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

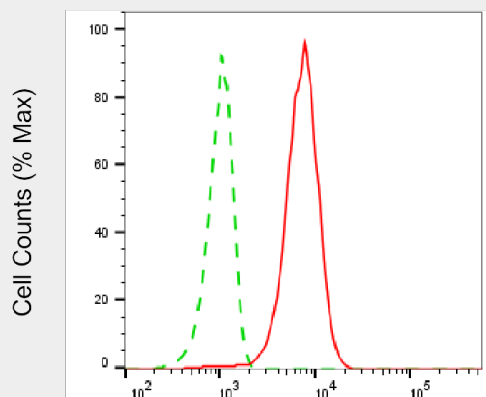
KD-Validated Anti-BID Mouse Monoclonal Antibody - Images



Western blotting analysis using anti-BID antibody (Cat#63656). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BID antibody (Cat#63656, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



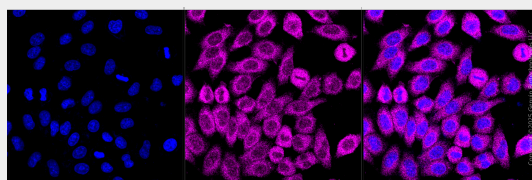
Western blotting analysis using anti-BID antibody (Cat#63656). BID expression in wild-type (WT) and BID shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with anti-BID antibody (Cat#63656, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody (Cat#101, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



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BID-Alexa Fluor® 647

Flow cytometric analysis of BID expression in HepG2 cells using anti-BID antibody (Cat#63656, 1:2,000). Green, isotype control; red, BID.



Immunocytochemical staining of HepG2 cells with anti-BID antibody (Cat#63656, 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 μ m.