

**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	<a href="#">P55957</a>
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:<a href="http://www.uniprot.org/citations/14583606" target="\_blank">14583606</a>). 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**

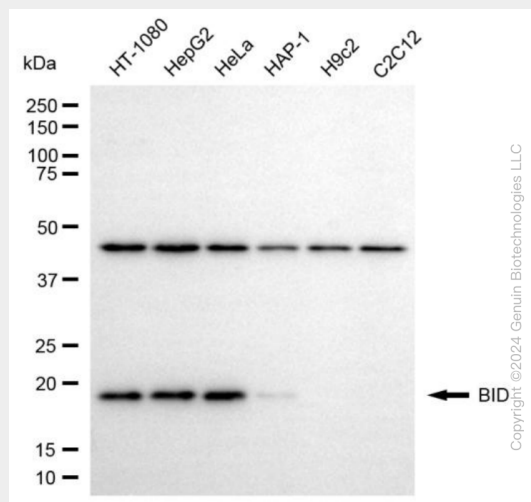
[Isoform 2]: Expressed in spleen, pancreas and placenta (at protein level). [Isoform 4]: Expressed in lung and pancreas (at protein level).

## KD-Validated Anti-BID Mouse Monoclonal Antibody - Protocols

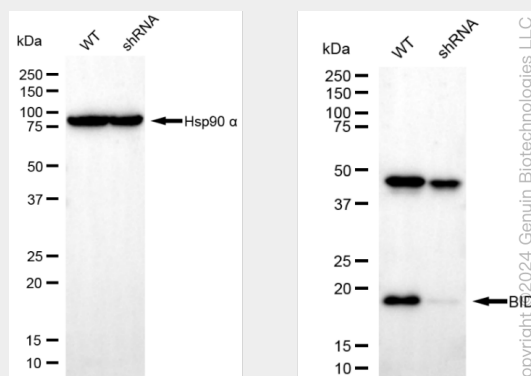
Provided below are standard protocols that you may find useful for product applications.

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

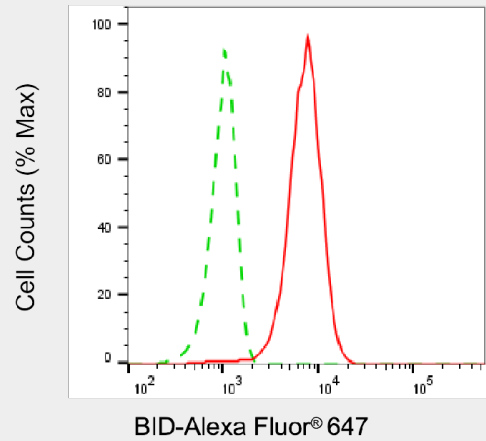
## KD-Validated Anti-BID Mouse Monoclonal Antibody - Images



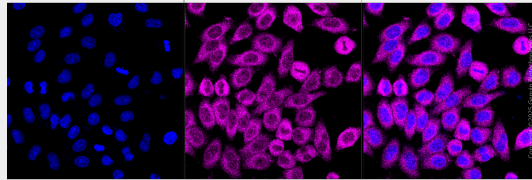
Western blotting analysis using anti-BID antibody (Cat#AGI1971). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-BID antibody (Cat#AGI1971, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Western blotting analysis using anti-BID antibody (Cat#AGI1971). 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#AGI1971, 1:5,000) and HRP-conjugated goat anti-mouse secondary antibody respectively.



Flow cytometric analysis of BID expression in HepG2 cells using anti-BID antibody (Cat#AGI1971, 1:2,000). Green, isotype control; red, BID.



Immunocytochemical staining of HepG2 cells with anti-BID antibody (Cat#AGI1971, 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  $\mu$ m.