

## BID Ab

[Images\(1\)](#)

Cat.#: BF0373                      Concn.: ~1mg/ml                      Mol.Wt.: 22kDa  
Size:                                  Source: Mouse                      Clonality: Monoclonal

Application:                      ELISA 1:10000, WB 1:500-1:2000, IHC 1:200-1:1000, IF/ICC  
1:200-1:1000, FCM 1:200-1:400

\*The optimal dilutions should be determined by the end user.

Reactivity:                      Human

Storage:                          Mouse IgG1 in phosphate buffered saline (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH  
7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C.  
Stable for 12 months from date of receipt.

Purification:                      Affinity-chromatography.

Immunogen:                      Purified recombinant fragment of human BID expressed in E. Coli.

Uniprot:                          P55957

Description:                      This gene encodes a death agonist that heterodimerizes with either agonist  
BAX or antagonist BCL2. 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, but the full-length nature of some variants has not been defined.

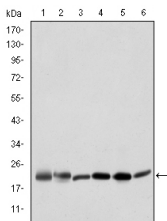


Figure 1: Western blot analysis using BID mouse mAb against HeLa (1), A431 (2), Jurkat (3), A549 (4), HepG2 (5), and HEK293 (6) cell lysate.

**IMPORTANT:** For western blot, incubate membrane with diluted primary Ab in 5% w/v milk, 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.

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