



**Category: Monoclonal Antibodies Cat. #: MAB-606030198**  
**Product Name: Mouse Monoclonal Antibody to BID**

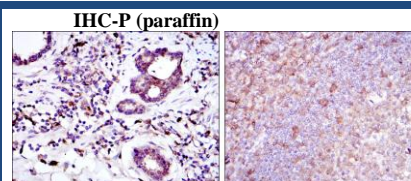


Figure 2: Immunohistochemical analysis of paraffin-embedded prostate tissues (left) and tonsil tissues (right) using BID mouse mAb with DAB staining.

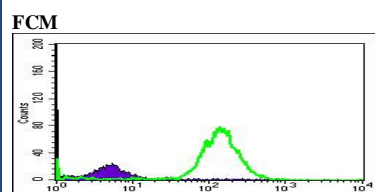


Figure 4: Flow cytometric analysis of HeLa cells using BID mouse mAb (green) and negative control (purple).

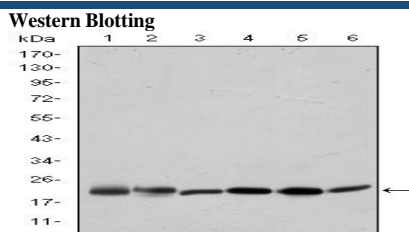


Figure 1: Western blot analysis using BID mouse mAb against HeLa (1), A431 (2), Jurkat (3), A549 (4), HepG2 (5), and HEK293 (6) cell lysate

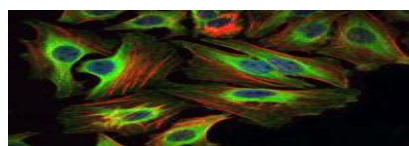
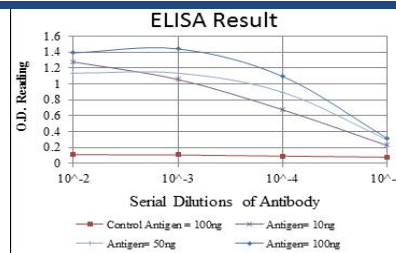


Figure 3: Immunofluorescence analysis of HeLa cells using BID mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.



Lot#:  
Clone#: 3C5  
Host and isotype: Mouse IgG1  
Size: 0.1ml  
MW: 22kDa  
Aliases: FP497; MGC15319; MGC42355; BID  
Entrez Gene: 637  
Species reactivity: Human

**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. Tissue specificity: Isoform 2 and isoform 3 are expressed in spleen, bone marrow, cerebral and cerebellar cortex. Isoform 2 is expressed in spleen, pancreas and placenta (at protein level). Isoform 3 is expressed in lung, pancreas and spleen (at protein level). Isoform 4 is expressed in lung and pancreas (at protein level)

**Immunogen**

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

**Applications**

Western Blotting: 1/500 - 1/2000.

Immunohistochemistry: 1/200 - 1/1000.

Immunofluorescence: 1/200 - 1/1000.

Flow cytometry: 1/200 - 1/400.

ELISA: Propose dilution 1/10000.

Not yet tested in other applications.

Determining optimal working dilutions by titration test.

**Formulation**

Ascitic fluid containing 0.03% sodium azide.

**Storage**

Store at 4°C, for long term storage, store at -20°C.

**Related product**

**References**

1. Photochem Photobiol. 2008 Jan-Feb;84(1):250-7.
2. Cell Signal. 2007 Dec;19(12):2468-78.

**For Research Use Only**

Contact: Antagene, Inc. | Tel: 1 (866) 964-2589 | Fax: 1 (888) 225-1868 | Email: Info@antageneinc.com