

## BID monoclonal antibody

Catalog: MB0118

Host: Mouse

Reactivity: Human

### BackGround:

BID, a BH3 domain containing proapoptotic Bcl2 family member, is localized in the cytosolic fraction of cells as an inactive precursor. Its active form is generated upon proteolytic cleavage by caspase 8 in the Fas signaling pathway. Cleaved Bid translocates to mitochondria and releases its potent proapoptotic activity, which in turn induces cytochrome c release and mitochondrial damage. The cytochrome c releasing activity of Bid was antagonized by Bcl2. Mutation in the SH3 domain can diminish the cytochrome c releasing activity. In animal model studies, Bid deficient mice are found resistant to the lethal effects of death factor signals relayed through Fas.

### Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

Predicted band size:22KDa

Observed band size:22KDa

### Swiss-Prot:

P55957

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:300~1000

ICC: 1:100

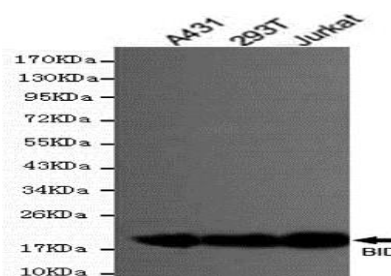
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

### Specificity:

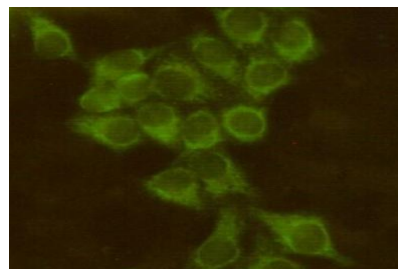
BID mAb detects endogenous levels of BID protein.

### DATA:



Western blot detection of BID antibody in 293T, Jurkat and A431 cell lysates using BID antibody (1:300 diluted).

Immunocytochemistry staining of HeLa cells using anti-BID antibody (dilution 1:100).



### Note:

For research use only, not for use in diagnostic procedure.

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