

BID monoclonal antibody

Catalog: MB21462

Host: Mouse

Reactivity: Human

BackGround:

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)

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

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:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000
FC:1/200 - 1/400

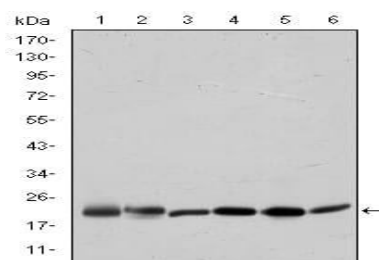
Storage&Stability:

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

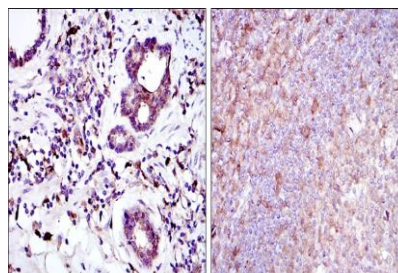
Isotype:

Mouse IgG1

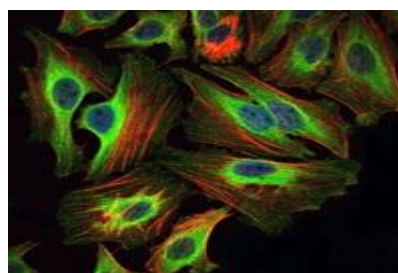
DATA:



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



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



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.

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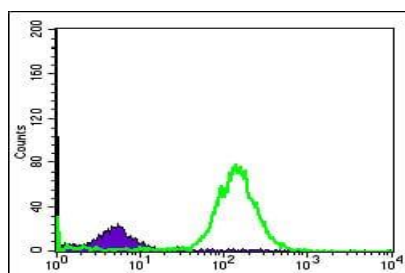
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Flow cytometric analysis of Hela cells using BID mouse mAb (green) and negative control (purple).

Note:

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

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