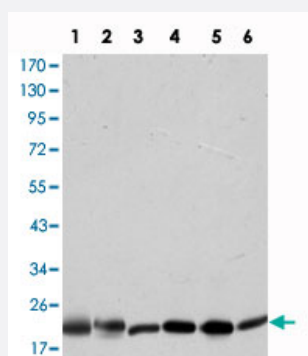


BID monoclonal antibody, clone 3C5

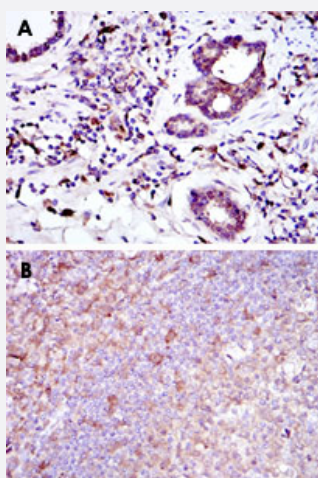
Catalog # MAB10503 Size 100 uL

Applications



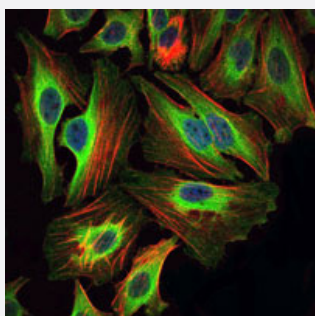
Western Blot (Cell lysate)

Western blot analysis using BID monoclonal antibody, clone 3C5 (Cat # MAB10503) against HeLa (1), A-431 (2), Jurkat (3), A-549 (4), HepG2 (5), and HEK293 (6) cell lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical analysis of paraffin-embedded human prostate tissues (A) and tonsil tissues (B) using BID monoclonal antibody, clone 3C5 (Cat # MAB10503) with DAB staining.

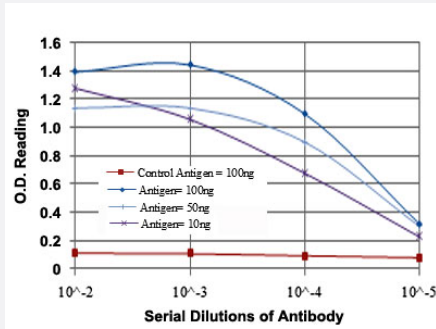


Immunofluorescence

Immunofluorescence analysis of HeLa cells using BID monoclonal antibody, clone 3C5 (Cat # MAB10503) (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor-555 phalloidin.

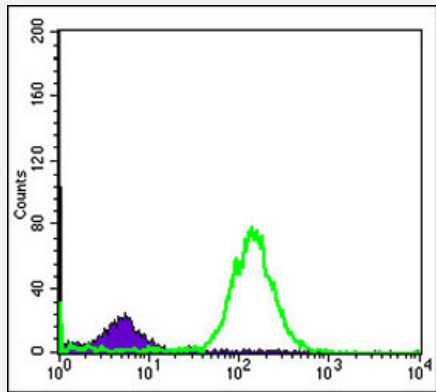
Enzyme-linked Immunoabsorbent Assay

ELISA detection with BID monoclonal antibody, clone 3C5 (Cat # MAB10503).



Flow Cytometry

Flow cytometric analysis of HeLa cells using BID monoclonal antibody, clone 3C5 (Cat # MAB10503) (green) and negative control (purple).



Specification

Product Description Mouse monoclonal antibody raised against partial recombinant BID.

Immunogen Recombinant protein corresponding to human BID.

Host Mouse

Theoretical MW (kDa) 22

Reactivity Human

Form Liquid

Isotype IgG1

Recommend Usage

- ELISA (1:10000)
- Western Blot (1:500-1:2000)
- Immunohistochemistry (1:200-1:1000)
- Immunofluorescence (1:200-1:1000)
- Flow cytometry (1:200-1:400)
- The optimal working dilution should be determined by the end user.

Storage Buffer In ascites (0.03% sodium azide)

Storage Instruction

Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

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Flow cytometric analysis of HeLa cells using BID monoclonal antibody, clone 3C5 (Cat # MAB10503) (green) and negative control (purple).

Gene Info — BID

Entrez GeneID[637](#)**Gene Name**

BID

Gene Alias

FP497, MGC15319, MGC42355

Gene Description

BH3 interacting domain death agonist

Omim ID[601997](#)**Gene Ontology**[Hyperlink](#)

Gene Summary

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. [provided by RefSeq]

Other Designations

BH3-interacting domain death agonist|BID isoform ES(1b)|BID isoform L(2)|BID isoform Si6|Human BID coding sequence|OTTHUMP00000196197|apoptotic death agonist|desmocollin type 4

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)
- [Apoptosis](#)
- [Natural killer cell mediated cytotoxicity](#)
- [p53 signaling pathway](#)
- [Pathways in cancer](#)

Disease

- [Adenocarcinoma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Clubfoot](#)
- [Colorectal Neoplasms](#)
- [Diabetes Mellitus](#)
- [Diabetic Nephropathies](#)
- [Disease Progression](#)
- [Edema](#)

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lymphatic Metastasis](#)
- [Neoplasm Metastasis](#)
- [Stomach Neoplasms](#)
- [Tobacco Use Disorder](#)