# antibodies -online.com









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**Publications** 



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Quantity:	100 μL
Target:	BID
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This BID antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

#### **Product Details**

Immunogen:	Purified recombinant fragment of human BID expressed in E. coli.
Clone:	3C5
Isotype:	lgG1
Purification:	purified

## **Target Details**

Target:	BID
Alternative Name:	BID (BID Products)
Background:	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)

Aliases: FP497, MGC15319, MGC42355, BID

Molecular Weight:	22 kDa
Gene ID:	637
HGNC:	637
Pathways:	Apoptosis, Caspase Cascade in Apoptosis, Positive Regulation of Endopeptidase Activity

# **Application Details**

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Ascitic fluid containing 0.03 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

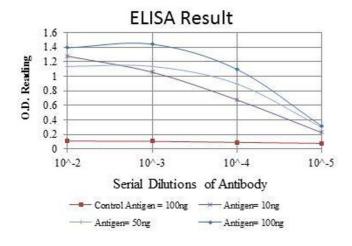
#### **Publications**

Product cited in: Wan, Liu, Xing, Chen: "Bid is required in NPe6-PDT-induced apoptosis." in: **Photochemistry and**photobiology, Vol. 84, Issue 1, pp. 250-7, (2008) (PubMed).

Wu, Xing, Chen, Wang: "Bid is not required for Bax translocation during UV-induced apoptosis."

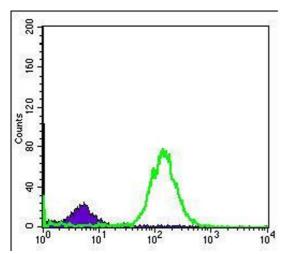
in: Cellular signalling, Vol. 19, Issue 12, pp. 2468-78, (2007) (PubMed).

## **Images**



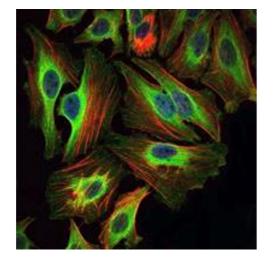
#### **ELISA**

**Image 1.** Red: Control Antigen (100 ng), Purple: Antigen (10 ng), Green: Antigen (50 ng), Blue: Antigen (100 ng),



### **Flow Cytometry**

**Image 2.** Flow cytometric analysis of Hela cells using BID mouse mAb (green) and negative control (purple).



#### **Immunofluorescence**

**Image 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.

Please check the product details page for more images. Overall 5 images are available for ABIN968979.