

For Research Use Only

# BID Monoclonal ANTIBODY



Catalog Number: 60301-1-Ig **Featured Product**

## Basic Information

<b>Catalog Number:</b> 60301-1-Ig	<b>GenBank Accession Number:</b> BC009197	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150UL, Concentration: 500 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 637	<b>CloneNo.:</b> 2A2E5
<b>Source:</b> Mouse	<b>Full Name:</b> BH3 interacting domain death agonist	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IHC 1:200-1:1800 IF 1:20-1:200
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 22 kDa	
<b>Immunogen Catalog Number:</b> AG21005	<b>Observed MW:</b> 22 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB: HeLa, cells, Jurkat cells IHC: human colon cancer tissue, IF: HeLa cells,
<b>Species Specificity:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

BID, also named as p22 BID, can be cleaved into p11 BID, p13 BID and p15 BID. It is pro-apoptotic molecules. The major proteolytic product p15 BID allows the release of cytochrome c. BID-L, BID-EL and BID-ES induce ICE-like proteases and apoptosis. BID-S does not induce apoptosis. BID counters the protective effect of Bcl-2. (PMID:14583606).

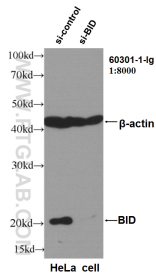
## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

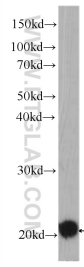
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

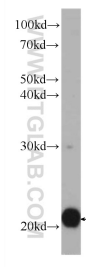
## Selected Validation Data



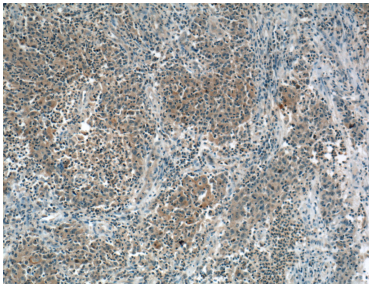
WB result of BID antibody (60301-1-Ig, 1:8000) with si-Control and si-BID transfected HeLa cells.



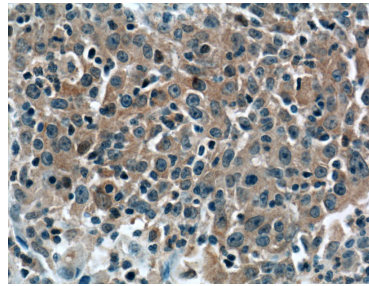
HeLa cells were subjected to SDS PAGE followed by western blot with 60301-1-Ig (BID Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



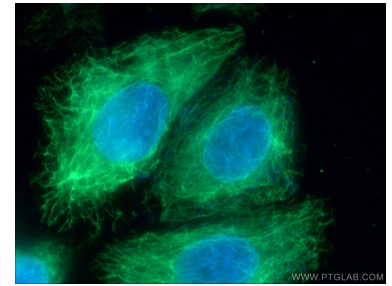
Jurkat cells were subjected to SDS PAGE followed by western blot with 60301-1-Ig (BID Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60301-1-Ig (BID Antibody) at dilution of 1:900 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 60301-1-Ig (BID Antibody) at dilution of 1:900 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells using 60301-1-Ig (BID antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG (H+L).