

BID Monoclonal antibody

Catalog Number: 60301-1-Ig

Featured Product

Basic Information

Catalog Number: 60301-1-Ig	GenBank Accession Number: BC009197	Purification Method: Protein A purification
Size: 600 µg/ml	GeneID (NCBI): 637	CloneNo.: 2A2E5
Source: Mouse	UNIPROT ID: P55957	Recommended Dilutions: WB 1:2000-1:16000 IHC 1:200-1:1800 IF 1:20-1:200
Isotype: IgG1	Full Name: BH3 interacting domain death agonist	
Immunogen Catalog Number: AG21005	Calculated MW: 22 kDa Observed MW: 22 kDa	

Applications

Tested Applications:
IF/ICC, IHC, WB, ELISA

Species Specificity:
human

Note-IHC: suggested antigen retrieval with **TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

Positive Controls:

WB : HeLa cells, Jurkat cells

IHC : human colon cancer tissue,

IF : HeLa cells,

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:

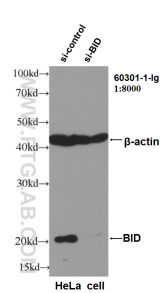
T: 4006900926

E: Proteintech-CN@ptglab.com

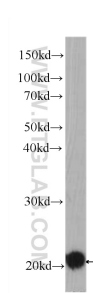
W: ptgcn.com

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

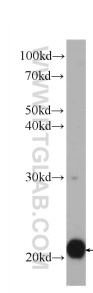
Selected Validation Data



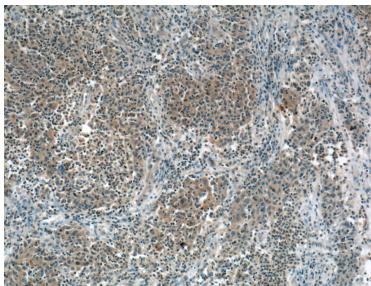
WB result of BID antibody (60301-1-Ig, 1:8000) with si-Control and si-BID transfected HeLa cells.



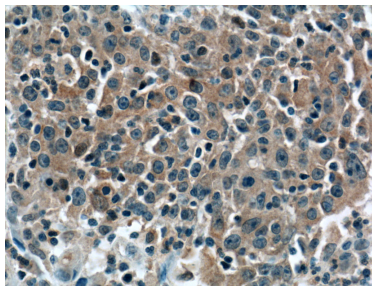
HeLa cells were subjected to SDS PAGE followed by western blot with 60301-1-Ig (BID Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



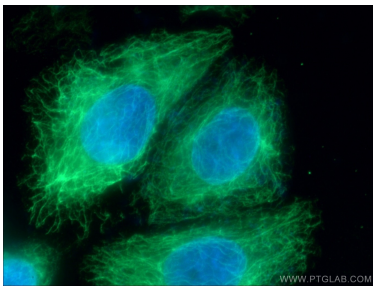
Jurkat cells were subjected to SDS PAGE followed by western blot with 60301-1-Ig (BID Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).