

BID Monoclonal antibody

Catalog Number: 60301-1-Ig

Featured Product

Basic Information

Catalog Number:

60301-1-Ig

Size:

600 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG21005

GenBank Accession Number:

BC009197

GeneID (NCBI):

637

UNIPROT ID:

P55957

Full Name:

BH3 interacting domain death agonist

Calculated MW:

22 kDa

Observed MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

2A2E5

Recommended Dilutions:

WB 1:2000-1:16000

IHC 1:200-1:1800

IF/ICC 1:20-1:200

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/ICC : 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

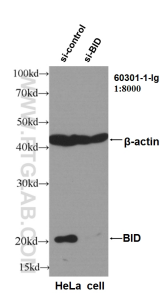
For technical support and original validation data for this product please contact:

T: 4006900926

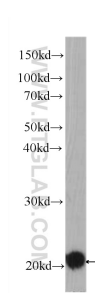
E: Proteintech-CN@ptglab.comW: ptgcn.com

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

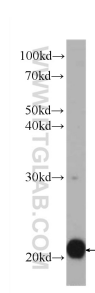
Selected Validation Data



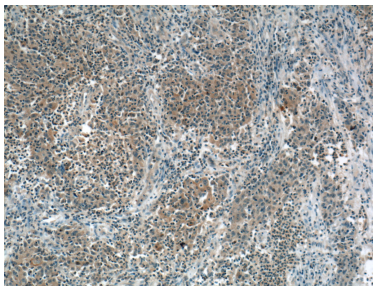
WB result of BID antibody (60301-1-Ig, 1:8000) with si-Control and si-BID transfected HeLa cells.



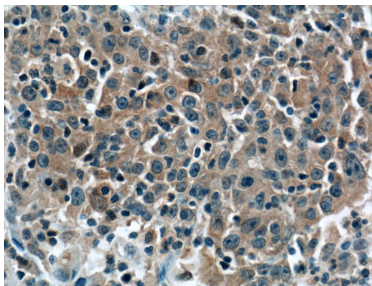
HeLa cells were subjected to SDS PAGE followed by western blot with 60301-1-Ig (BID Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



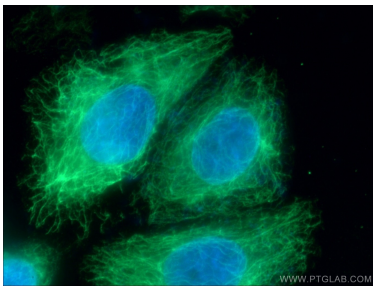
Jurkat cells were subjected to SDS PAGE followed by western blot with 60301-1-Ig (BID Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).