

For Research Use Only

# BAD Monoclonal antibody

Catalog Number: 67830-1-Ig **8 Publications**



## Basic Information

Catalog Number:

67830-1-Ig

Concentration:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC001901

GeneID (NCBI):

572

UNIPROT ID:

Q92934

Full Name:

BCL2-associated agonist of cell death

Calculated MW:

18 kDa

Observed MW:

18-25 kDa

Purification Method:

Protein A purification

CloneNo.:

4B12G2

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Cited Applications:

WB

Species Specificity:

Human, Mouse, Rat

Cited Species:

human, mouse, rat

Positive Controls:

WB : LNCaP cells, RAW 264.7 cells, HeLa cells, HEK-293 cells, Jurkat cells, Raji cells, THP-1 cells, HSC-T6 cells

IF/ICC : HeLa cells,

## Background Information

BAD, also named as BBC6 and BCL2L8, promotes cell death. It is successfully competes for the binding to Bcl-X(L), Bcl-2 and Bcl-W, thereby affecting the level of heterodimerization of these proteins with BAX. BAD can reverse the death repressor activity of Bcl-X(L), but not that of Bcl-2. It appears to act as a link between growth factor receptor signaling and the apoptotic pathways.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yaling Zhang	36062194	Oxid Med Cell Longev	WB
Xueying Chen	33817830	FASEB J	WB
Can Wang	39939853	J Nanobiotechnology	WB

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

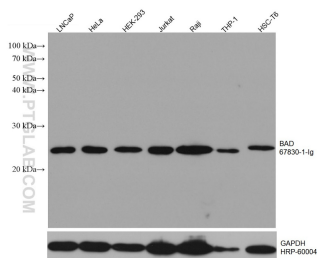
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

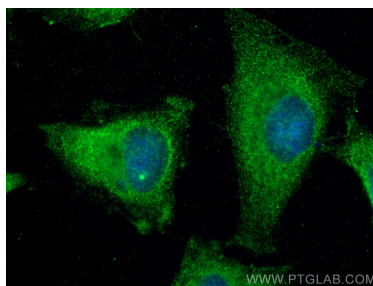
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67830-1-Ig (BAD antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using BAD antibody (67830-1-Ig, Clone: 4B12G2 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L).