

For Research Use Only

# BAD Monoclonal antibody

Catalog Number: 67830-1-Ig **9 Publications**



## Basic Information

<b>Catalog Number:</b> 67830-1-Ig	<b>GenBank Accession Number:</b> BC001901	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 572	<b>CloneNo.:</b> 4B12G2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q92934	<b>Recommended Dilutions:</b> WB: 1:1000-1:6000 IF/ICC: 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> BCL2-associated agonist of cell death	
	<b>Calculated MW:</b> 18 kDa	
	<b>Observed MW:</b> 18-25 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b> 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,
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, rat	

## 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
Yun Liu	40209309	Int Immunopharmacol	WB

## Storage

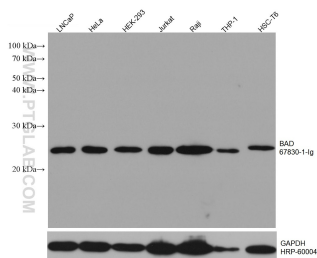
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

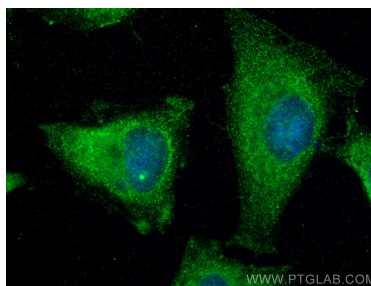
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## Selected Validation Data



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 AffiniPure Goat Anti-Mouse IgG(H+L).