

For Research Use Only

# BAD Monoclonal antibody, PBS Only

Catalog Number: 67830-1-PBS



## Basic Information

<b>Catalog Number:</b> 67830-1-PBS	<b>GenBank Accession Number:</b> BC001901	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 572	<b>CloneNo.:</b> 4B12G2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q92934	
<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

**Tested Applications:**  
WB, IF, Indirect ELISA

**Species Specificity:**  
Human, Mouse, Rat

## Background Information

BAD, also named as BBC6 and BCL2L8, promotes cell death. It 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.

## Storage

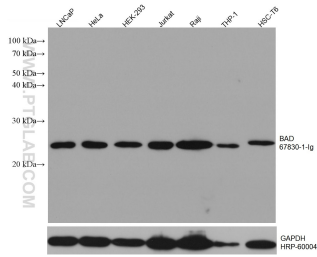
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

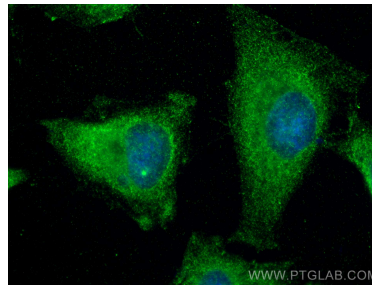
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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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. This data was developed using the same antibody clone with 67830-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67830-1-PBS in a different storage buffer formulation.