

For Research Use Only

# BIK Monoclonal antibody

Catalog Number: 68438-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 68438-1-Ig	<b>GenBank Accession Number:</b> BC001599	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 638	<b>CloneNo.:</b> 1B1C10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q13323	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG2a	<b>Full Name:</b> BCL2-interacting killer (apoptosis-inducing)	
<b>Immunogen Catalog Number:</b> AG6353	<b>Calculated MW:</b> 18 kDa	
	<b>Observed MW:</b> 20 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : SW480 cells, Caco-2 cells, THP-1 cells, Raji cells, Daudi cells, Ramos cells
<b>Cited Applications:</b> WB	
<b>Species Specificity:</b> Human	
<b>Cited Species:</b> human	

## Background Information

The protein encoded by this gene shares a critical BH3 domain with other death-promoting proteins, such as BID, BAK, BAD and BAX, that is required for its pro-apoptotic activity, and for interaction with anti-apoptotic members of the BCL2 family, and viral survival-promoting proteins. Since the activity of this protein is suppressed in the presence of survival-promoting proteins, it is suggested as a likely target for anti-apoptotic proteins.

## Notable Publications

Author	Pubmed ID	Journal	Application
Rong Fu	39807336	Acta Pharm Sin B	WB

## Storage

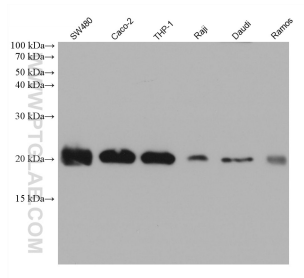
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

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

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

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68438-1-Ig (BIK antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.