

For Research Use Only

# FKBP10/FKBP65 Monoclonal antibody

Catalog Number: 68085-1-Ig **Featured Product**



## Basic Information

<b>Catalog Number:</b> 68085-1-Ig	<b>GenBank Accession Number:</b> BC016467	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 60681	<b>CloneNo.:</b> 1B3D9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96AY3	<b>Recommended Dilutions:</b> WB 1:2000-1:10000
<b>Isotype:</b> IgG1	<b>Full Name:</b> FK506 binding protein 10, 65 kDa	
<b>Immunogen Catalog Number:</b> AG31628	<b>Calculated MW:</b> 582 aa, 64 kDa	
	<b>Observed MW:</b> 64-70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : LNCaP cells, HeLa cells, MCF-7 cells, HEK-293 cells
<b>Species Specificity:</b> human	

## Background Information

FKBP10, also known as FKBP65, is a 65 kDa FK506 binding protein that is a member of the FKBP-type peptidyl-prolyl cis/trans isomerase family. This protein localizes to the endoplasmic reticulum and acts as a molecular chaperone and binding partner of type I collagen. FKBP65 is expressed in developing tissues and re-expressed in adult tissues following injury. As documented, FKBP10 has been detected to play important roles in the initiation and progression of cancers.

## Storage

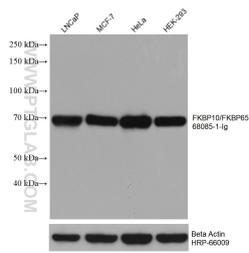
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

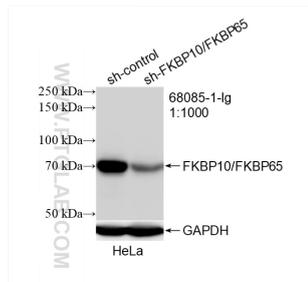
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

**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 68085-1-Ig (FKBP10 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



WB result of FKBP10/FKBP65 antibody (68085-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-FKBP10/FKBP65 transfected HeLa cells.