

For Research Use Only

# FKBP8 Monoclonal antibody

Catalog Number: 66690-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 66690-1-Ig	<b>GenBank Accession Number:</b> BC009966	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1500 µg/ml	<b>GeneID (NCBI):</b> 23770	<b>CloneNo.:</b> 1C1G12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q14318	<b>Recommended Dilutions:</b> WB 1:2000-1:10000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> FK506 binding protein 8, 38kDa	
<b>Immunogen Catalog Number:</b> AG1649	<b>Calculated MW:</b> 45 kDa	
	<b>Observed MW:</b> 53 kDa	

## Applications

<b>Tested Applications:</b> IF/ICC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> CoIP	<b>WB :</b> Jurkat cells, HEK-293 cells, HeLa cells, HepG2 cells, NIH/3T3 cells, RAW 264.7 cells
<b>Species Specificity:</b> Human, Mouse	<b>IF :</b> A431 cells,
<b>Cited Species:</b> human	

## Background Information

FK506 binding protein 8 (FKBP8), is a member of the immunophilin protein family, which play a role in immunoregulation and basic cellular processes involving protein folding and trafficking. FKBP8 does not seem to have PPIase/rotamase activity, which is different from other members of this family. The active form of FKBP8 may play a role in the regulation of apoptosis. FKBP8 has 3 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Suli Lv	35970393	J Biol Chem	CoIP

## 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

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

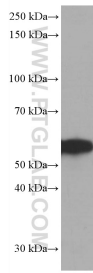
T: 4006900926

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

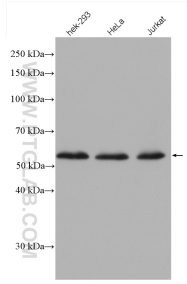
W: [ptgcn.com](http://ptgcn.com)

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

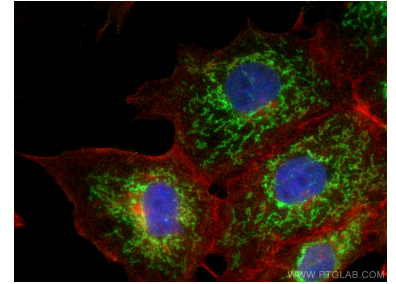
## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 66690-1-Ig (FKBP8 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 66690-1-Ig (FKBP8 antibody) at dilution of 1:0 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed A431 cells using FKBP8 antibody (66690-1-Ig, Clone: 1C1G12) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).