

For Research Use Only

# CRYBB1 Monoclonal antibody

Catalog Number: 60273-1-Ig



## Basic Information

<b>Catalog Number:</b> 60273-1-Ig	<b>GenBank Accession Number:</b> BC036790	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 600 µg/ml by Nanodrop and 580 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1414	<b>CloneNo.:</b> 6F12B12
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P53674	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IF 1:300-1:1200
<b>Isotype:</b> IgG1	<b>Full Name:</b> crystallin, beta B1	
<b>Immunogen Catalog Number:</b> AG4722	<b>Calculated MW:</b> 252 aa, 28 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> WB, IF, ELISA	<b>Positive Controls:</b> WB : C6 cells, mouse eye tissue IF : hTERT-RPE1 cells,
<b>Species Specificity:</b> human, mouse, rat	

## Background Information

Mutation in CRYBB1 is associated with congenital Cataract-Microcornea Syndrome.

## 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

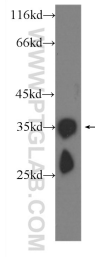
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

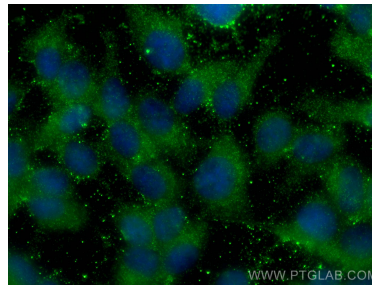
E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



C6 cells were subjected to SDS PAGE followed by western blot with 60273-1-Ig (CRYBB1 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Methanol) fixed hTERT-RPE1 cells using CRYBB1 antibody (60273-1-Ig, Clone: 6F12B12) at dilution of 1:600 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).