

# CRYBB1 Monoclonal antibody

Catalog Number: 60273-1-Ig

## Basic Information

**Catalog Number:**

60273-1-Ig

**Size:**

600 µg/ml

**Source:**

Mouse

**Isotype:**

IgG1

**Immunogen Catalog Number:**

AG4722

**GenBank Accession Number:**

BC036790

**GeneID (NCBI):**

1414

**UNIPROT ID:**

P53674

**Full Name:**

crystallin, beta B1

**Calculated MW:**

252 aa, 28 kDa

**Observed MW:**

30 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

6F12B12

**Recommended Dilutions:**

WB 1:500-1:2000

IF/ICC 1:300-1:1200

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : C6 cells, mouse eye tissue

IF/ICC : hTERT-RPE1 cells,

## Background Information

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

## Storage

**Storage:**

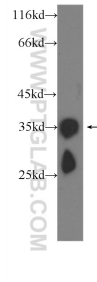
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

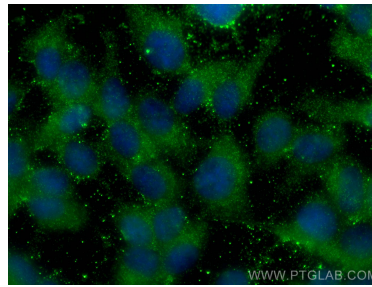
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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).