

For Research Use Only

# CRYBA2 Monoclonal antibody

Catalog Number: 68354-1-Ig



## Basic Information

<b>Catalog Number:</b> 68354-1-Ig	<b>GenBank Accession Number:</b> BC006285	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 1412	<b>CloneNo.:</b> 1G1A9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P53672	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Full Name:</b> crystallin, beta A2	
<b>Immunogen Catalog Number:</b> AG8244	<b>Calculated MW:</b> 197 aa, 22 kDa	
	<b>Observed MW:</b> 22 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : rat eye tissue, mouse eye tissue
<b>Species Specificity:</b> Human, mouse, rat	

## Background Information

CRYBA2, also named as Beta A2 crystallin, is a member of crystallin superfamily. Mammalian lens crystallins are divided into alpha, beta, and gamma families; beta and gamma crystallins are also defined as a superfamily. Alpha and beta families are further divided into acidic and basic groups. Crystallins are the dominant structural components of the vertebrate eye lens. The MW of this protein is 22 kDa, and this antibody specially recognises the 22 kDa protein.

## Storage

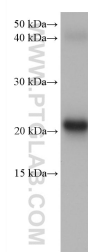
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

For technical support and original validation data for this product please contact:  
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## Selected Validation Data



rat eye tissue were subjected to SDS PAGE followed by western blot with 68354-1-Ig (CRYBA2 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.