

For Research Use Only

# SIX6 Monoclonal antibody

Catalog Number: 67622-1-Ig



## Basic Information

<b>Catalog Number:</b> 67622-1-Ig	<b>GenBank Accession Number:</b> BC069413	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 867 µg/ml	<b>GeneID (NCBI):</b> 4990	<b>CloneNo.:</b> 1C12E2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O95475	<b>Recommended Dilutions:</b> WB 1:1000-1:4000
<b>Isotype:</b> IgG1	<b>Full Name:</b> SIX homeobox 6	
<b>Immunogen Catalog Number:</b> AG15496	<b>Calculated MW:</b> 246 aa, 28 kDa	
	<b>Observed MW:</b> 30-35 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HUVEC cells, NCCIT cells
<b>Species Specificity:</b> Human	

## Background Information

SIX6, also named as OPTX2 or SIX9, is a 246 amino acid protein, which is expressed in the developing and adult retina. Defects in this gene are a cause of isolated microphthalmia with cataract type 2 (MCOPT2).

## 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:

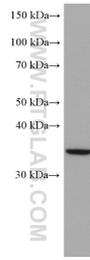
T: 4006900926

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

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

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## Selected Validation Data



HUVEC cells were subjected to SDS PAGE followed by western blot with 67622-1-Ig (SIX6 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.