

## Homeobox protein SIX5 Antibody

Mouse Monoclonal Antibody [Clone PCR-P-SIX5-2H4]

Catalog No	Format	Size
147912-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
147912-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
147912-MSM2-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	

### Product Details

<b>Clone</b>	PCR-P-SIX5-2H4
<b>Immunogen</b>	Recombinant human SIX5 protein
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype / Light Chain</b>	IgG2 / Kappa
<b>Mol. Weight of Antigen</b>	74.56kDa
<b>Cellular Localization</b>	Cytoplasm, Nucleus
<b>Species Reactivity</b>	Human
<b>Positive Control</b>	Expressed in adult but not in fetal eyes

*\*Optimal dilution for a specific application should be determined.*

### Product Images for Homeobox protein SIX5 Antibody

#### Specificity & Comments

Transcription factor that is thought to be involved in regulation of organogenesis. May be involved in determination and maintenance of retina formation. Binds a 5'-GGTGTCAG-3' motif present in the ARE regulatory element of ATP1A1. Binds a 5'-TCA[AG][AG]TTNC-3' motif present in the MEF3 element in the myogenin promoter, and in the IGFBP5 promoter (By similarity). Thought to be regulated by association with Dach and Eya proteins, and seems to be coactivated by EYA1, EYA2 and EYA3 (By similarity).

#### Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis. There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.

#### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

#### Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.