

Rabbit Anti-IOC4/Cy5.5 Conjugated antibody

SL18181R-Cy5.5

Product Name	Anti-IOC4/Cy5.5
Chinese Name	Cy5.5 标记的 IOC4
Alias	Hypothetical 55.4 kDa protein in MCM1-NUP116 intergenic region; Ioc4p; IOC4_YEAST; YMR044W.
Research Area	Cell biology transcriptional regulatory factor Epigenetics
Immunogen Species	Rabbit
Clonality	Polyclonal
React Species	(predicted:Saccharomyces cerevisiae,Yeast) ICC/IF=1:50-200,IF=1:100-500
Applications	not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight	55kDa
Form	Lyophilized or Liquid
Concentration	1mg/ml
immunogen	KLH conjugated synthetic peptide derived from Saccharomyces cerevisiae IOC4
Lsotype	IgG
Purification	affinity purified by Protein A
Storage Buffer	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail	background: IOC4 is a member of a complex (Isw1b) with Isw1p and Ioc2p that exhibits nucleosome stimulated ATPase activity and acts within coding regions to coordinate transcription elongation with termination and processing. IOC4 contains a PWWP motif.

Function:

Functions as component of the ISW1B complex, which acts in remodeling the chromatin by catalyzing an ATP-dependent alteration in the structure of nucleosomal DNA. The ISW1B complex acts within coding regions to control the amount of RNA polymerase II released into productive elongation and to coordinate elongation with termination and pre-mRNA processing.

Subunit:

Component of the ISW1B complex, which at least consists of ISW1, IOC2 and IOC4.

Subcellular Location:

Nuclear

Database links:

[Entrez Gene: 855061](#) Saccharomyces cerevisiae

[SwissProt: Q04213](#) Saccharomyces cerevisiae

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.