

For Research Use Only

# phospho-RCC1 (Ser11) Monoclonal antibody



Catalog Number: 60089-1-Ig

## Basic Information

<b>Catalog Number:</b> 60089-1-Ig	<b>GenBank Accession Number:</b> NM_001048194	<b>Purification Method:</b> Caprylic acid/ammonium sulfate precipitation
<b>Size:</b> 100ul , Concentration: 700 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 1104	<b>CloneNo.:</b> 5G9D8
<b>Source:</b> Mouse	<b>Full Name:</b> regulator of chromosome condensation 1	
<b>Isotype:</b> IgG3	<b>Calculated MW:</b> 48 kDa	
	<b>Observed MW:</b> 47 kDa	

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse

## Background Information

CHC1, also named as RCC1, promotes the exchange of ran-bound gdp by gtp. It is involved in the regulation of onset of chromosome condensation in the S-phase. Phosphorylation of RCC1 on serines located in or near its nuclear localization signal activates RCC1 to generate RanGTP on mitotic chromosomes, which is required for spindle assembly and chromosome segregation. This antibody is a mouse monoclonal antibody raised against human phospho-CHC1(Ser11) antigen.

## 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