

For Research Use Only

# SMC5 Monoclonal antibody

Catalog Number: 68655-1-Ig



## Basic Information

<b>Catalog Number:</b> 68655-1-Ig	<b>GenBank Accession Number:</b> BC038225	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 23137	<b>CloneNo.:</b> 1H6E2
<b>Source:</b> Mouse	<b>Full Name:</b> structural maintenance of chromosomes 5	<b>Recommended Dilutions:</b> WB 1:5000-1:50000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 1101 aa, 129 kDa	
<b>Immunogen Catalog Number:</b> AG5385	<b>Observed MW:</b> 125 kDa	

## Applications

**Tested Applications:**  
WB, ELISA

**Species Specificity:**  
Human, mouse, rat

**Positive Controls:**  
WB : LNCaP cells, MCF-7 cells, HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, U2OS cells, HSC-T6 cells, NIH/3T3 cells

## Background Information

### 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

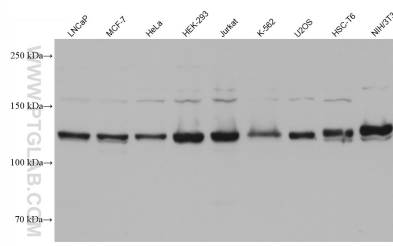
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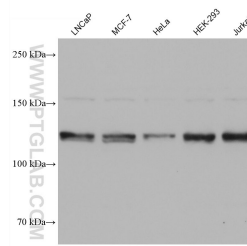
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 68655-1-Ig (SMC5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 68655-1-Ig (SMC5 antibody) at dilution of 1:40000 incubated at room temperature for 1.5 hours.