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**Product Name: RPA70 Mouse Monoclonal Antibody****Catalog #: AMM85096**

For research use only.

**Summary**

<b>Description</b>	Mouse monoclonal Antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,ICC,IP
<b>Reactivity</b>	Human,Mouse,Rat,Monkey
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	Mouse IgG2a
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Purified antibody in PBS with 0.05% sodium azide,0.5%protective protein and 50% glycerol.
<b>Purification</b>	Affinity Purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:1000,ICC 1:50-1:200,IP 1:20-1:50
<b>Molecular Weight</b>	Calculated MW: 68 kDa; Observed MW: 68 kDa

**Antigen Information**

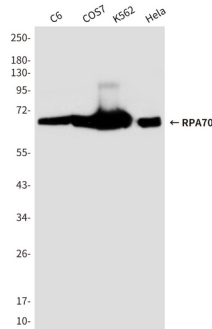
<b>Gene Name</b>	RPA70
<b>Alternative Names</b>	RPA1; HSSB; MST075; REPA1; RF-A; RP-A; RPA70
<b>Gene ID</b>	6117.0
<b>SwissProt ID</b>	P27694
<b>Immunogen</b>	Purified recombinant human RPA70 protein fragments expressed in E.coli.

**Background**

Plays an essential role in several cellular processes in DNA metabolism including replication, recombination and DNA repair. Binds and subsequently stabilizes single-stranded DNA intermediates and thus prevents complementary DNA from reannealing.

## Research Area

## Image Data



Western blot analysis of RPA70 in C6, COS7, K562 and HeLa lysates using RPA70 antibody.