

## RPA70/RPA1 Monoclonal Antibody

**CAB3367**

### Description

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This RPA70/RPA1 Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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**SKU:** CAB3367

**Contents:** 20 µL, 100 µL

Bradford Reagent: 1 vial (2ml)

**Category:** Monoclonal Antibody

**Synonyms:** HSSB, RF-A, RP-A, REPA1, RPA70, MST075, PFBMFT6, RPA70/RPA1

**Clone:** ARC0773

**Applications:**    

**Conjugation:** Unconjugated

**Reactivity:** Human, Rat

### Antibody Data

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**Gene ID:** 6117

**Uniprot:** AB\_2863044

**Host Species:** Rabbit

**Purification:** Affinity purification

**Observed MW:** 70kDa

**Calculated MW:** 68kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

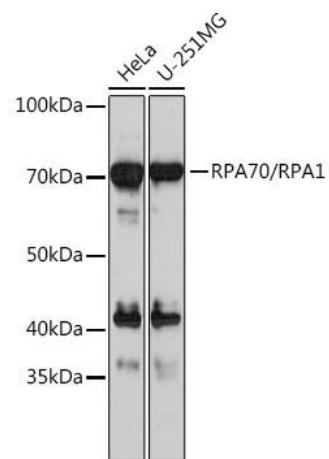
**Positive Sample:** HeLa, U-251 MG

**Recommended Dilutions:**

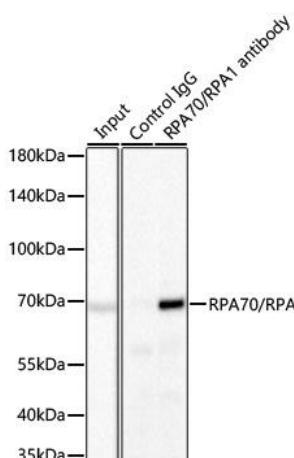
|              |  |
|--------------|--|
| <b>WB</b>    | 1:500 - 1:2000   |
| <b>IP</b>    | 0.5µg-4µg antibody for 200µg-400µg extracts of whole cells   |
| <b>ELISA</b> | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. ChIP 5µg antibody for 10µg-15µg of Chromatin |

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

## Validation Data



Western blot analysis of various lysates using / Rabbit mAb (CAB3367) at 1 : 1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunoprecipitation of / from 300 µg extracts of HeLa cells was performed using 2 µg of / Rabbit mAb (CAB3367). Rabbit IgG isotype control (CABC005) was used to precipitate the Control IgG sample. IP samples were eluted with 1X reducing Laemmli Buffer. The Input lane represents 10% of the total input. Western blot analysis of immunoprecipitates was conducted using / Rabbit mAb (CAB3367) at a dilution of 1:1000.