

## Mouse Monoclonal Antibody to RPA1

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|--------------------------------|---|
| <b>Catalogue Number</b>        | sAP-0698  |
| <b>Target Molecule</b>         | <b>Name: RPA1</b><br><b>Aliases:</b> HSSB; RF-A; RP-A; REPA1; RPA70; MST075<br><b>MW: 68.1kDa</b><br><b>Entrez Gene ID: 6117</b>  |
| <b>Description</b>             | "This gene 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" |
| <b>Immunogen</b>               | Purified recombinant fragment of human RPA1 expressed in E. Coli. ;   |
| <b>Recitative Species</b>      | Human; Monkey   |
| <b>Clone</b>                   | MM4C4;  |
| <b>Size and Concentration</b>  | 100µg/1mg/ml  |
| <b>Supplied as</b>             | Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide   |
| <b>Reconstitution/Storages</b> | Reconstituted with 100µl sterile DI H2O, at stored at 4°C or -20°C for short or long term storage   |
| <b>Applications</b>            | ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400   |
| <b>Shipping</b>                | Regular FEDEX overnight shipment (ambient temperature)  |
| <b>Reference</b>               | Mol Cell. 2009 Oct 23;36(2):193-206. ; J Biol Chem. 2009 Dec 11;284(50):34682-91. ;   |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**