

**RPA32 (3E7) monoclonal antibody**

Catalog: MB3043

Host: Mouse

Reactivity: Human

**BackGround:**

As part of the heterotrimeric replication protein A complex (RPA/RP-A), binds and stabilizes single-stranded DNA intermediates, that form during DNA replication or upon DNA stress. It prevents their reannealing and in parallel, recruits and activates different proteins and complexes involved in DNA metabolism. Thereby, it plays an essential role both in DNA replication and the cellular response to DNA damage. In the cellular response to DNA damage, the RPA complex controls DNA repair and DNA damage checkpoint activation.

**Product:**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.

**Molecular Weight:**

Calculated MW: 29 kDa; Observed MW: 32 kDa

**Swiss-Prot:**

P15927

**Purification&Purity:**

Affinity Purified

**Applications:**

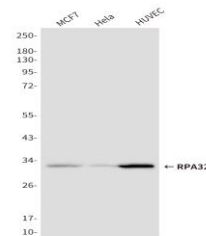
WB: 1/500-1/1000 IF: 1/50-1/200 IP: 1/20

**Storage&Stability:**

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

**Isotype:**

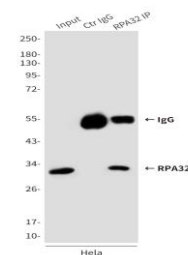
IgG2b

**DATA:**

Western blot analysis of RPA32/RPA2 in MCF-7, HeLa and HUVEC lysates using RPA32/RPA2 antibody.

Immunocytochemistry analysis of RPA32 in HeLa using RPA32/RPA2 antibody.

Immunoprecipitation analysis of RPA32 in HeLa lysates using RPA32/RPA2 antibody.

**Note:**

For research use only, not for use in diagnostic procedure.

**Bioworld Technology, Inc.**

Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416, USA.

Email: [info@bioworld.com](mailto:info@bioworld.com)

Tel: 6123263284

Fax: 6122933841

**Bioworld technology, co. Ltd.**

Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.

Email: [info@biogot.com](mailto:info@biogot.com)

Tel: 0086-025-68037686

Fax: 0086-025-68035151