

## Product Datasheet

# RPA70 Mouse mAb

Catalog No: AB3276

Reactivity: Human,Monkey,Mouse,Rat

Isotype: Mouse IgG2a

Applications: WB,ICC/IF,IP



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### Information

**UniProt ID:** P27694

**All Names:** RPA1; HSSB; MST075; REPA1; RF-A; RP-A; RPA70;

**Form:** Liquid

**Storage instructions:** Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

**Storage buffer:** pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

**Purity:** Affinity-chromatography

**Immunogen:** A synthesized peptide

**Molecular Wt.:** 70KDa

### Application

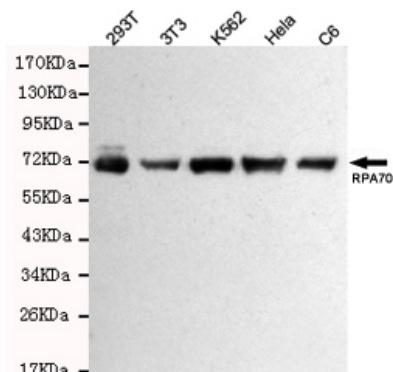
WB 1:1000

ICC/IF 1:100

IP

### 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. Functions as component of the alternative replication protein A complex (aRPA).



Western blot detection of RPA70 in HeLa, 293T, C6, 3T3 and K562 cell lysates using RPA70 mouse mAb (1:1000 diluted). Predicted band size: 70KDa. Observed band size: 70KDa.

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