RPA32 (3E7) MOUSE MAB

Cat.#: N261108

Product Name: Anti-RPA32 (3E7) Mouse Monoclonal Antibody

Synonyms: 60S acidic ribosomal protein P1; AA409079; AI325195; AU020965; HSSB; ik:tdsubc_2g1; M(2)21C; MGC137236; OTTHUMP00000004008; p32; p34; RCJMB04_6d17 replication protein A2; 32kDa; REPA 2; REPA1; REPA2; Replication factor A protein 2; Replication protein A 32 kDa subunit; Replication protein A 32kDa subunit; Replication protein A 34 kDa subunit; Replication protein A; replication protein A1 (70kD); Replication Protein A2 (32kDa); Replication protein A2 32kD; Replication protein A2 32kDa; Replication protein A2; Replication protein A2; 32kDa; RF A; RF-A protein 2; Rf-A2; RFA; RFA2_HUMAN; RP A; RP-A p32; RP-A p34; RP21C; RPA 2; RPA 32; RPA; RPA2; RPA32; RPA34; RPA70; RpLP1; RpP2; xx:tdsubc_2g1; zgc:109822.

UNIPROT ID: P15927

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.

Immunogen: Purified recombinant human RPA32/RPA2 protein fragments expressed in E.coli.

Applications: WB,ICC/IF,IP

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

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 3E7-B5-F2

MW: Calculated MW: 29 kDa; Observed MW: 32 kDa

Isotype: IgG2b

Purification: Affinity Purified

Species Reactivity: Human

Conjugation: Unconjugated

Modification: Unmodified

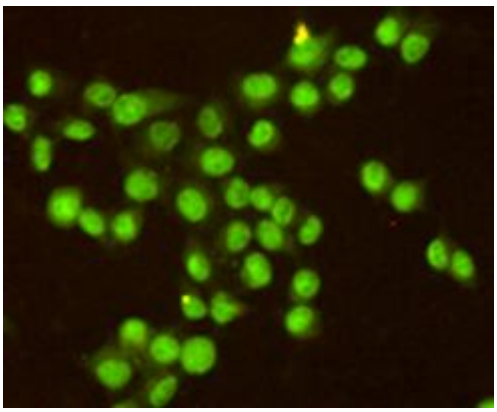
Constituents: PBS (without Mg2+ and Ca2+), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Product Description

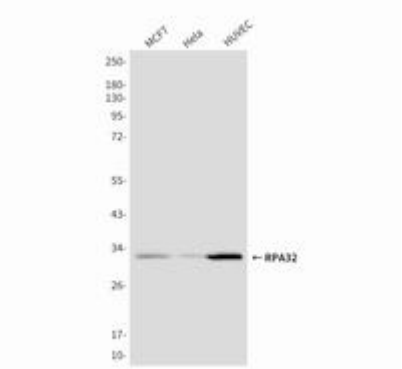
Pioneering GTPase and Oncogene Product Development since 2010

Research Areas: Epigenetics and Nuclear Signaling

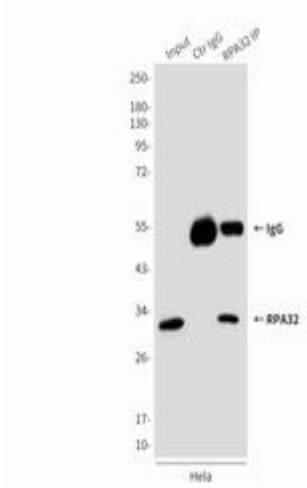
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



Immunocytochemistry analysis of RPA32 (3E7) in HeLa using RPA32/RPA2 antibody.



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



Immunoprecipitation analysis of RPA32 (3E7) in Hela lysates using RPA32/RPA2 antibody.