

RPA32 (3E7) Mouse mAb

db6206

Package : 50µL 100µL

Product Name : RPA32 (3E7) Mouse mAb**Cat.No.:** db6206**Synonyms** : REPA2;RPA32**Application** : WB, IP, ICC/IF**Reactivity** : Human**Host species** : Mouse**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

Gene ID

6118

Swiss Prot

P15927

Synonyms

REPA2;RPA32

Reactivity

Human

Application

WB, IP, ICC/IF

Recommended dilution

WB: 1:500-1:1000

ICC/IF: 1:50-1:200

IP: 1:20

Calculated MW

29 kDa

Observed MW

32 kDa

Host species

Mouse

Clonality

Monoclonal

Clonality No.

3E7-B5-F2

Isotype

IgG2b

Purity

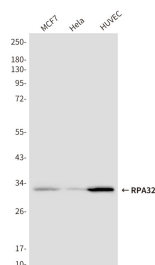
Affinity Purification

Conjugation

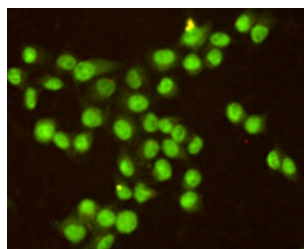
Un-conjugated

Storage Stability

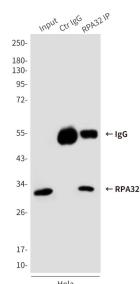
Store at -20°C. Supplied in PBS, 50% Glycerol(pH 7.3), 0.02% sodium azide and 0.5% BSA .
Stable for 12 months from date of receipt.



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



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



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