

RPA2 (Phospho-Thr21) Conjugated Antibody

Catalog No: #C14189

Package Size: #C14189-AF350 100ul #C14189-AF405 100ul #C14189-AF488 100ul #C14189-AF555 100ul #C14189-AF594 100ul
 #C14189-AF647 100ul #C14189-AF680 100ul #C14189-AF750 100ul #C14189-Biotin 100ul #C14189-Conjugated 50ul

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Description

Product Name	RPA2 (Phospho-Thr21) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB, IF
Species Reactivity	Human Mouse Rat
Specificity	Phospho-RPA2 (T21) Antibody detects endogenous levels of Phospho-RPA2 (T21)
Immunogen Description	A synthesized peptide derived from human Phospho-RPA2 (T21)
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	REPA2; RF-A; RP-A; RPA2; RPA32; replication factor-A protein 2; replication protein A 32 kDa subunit; replication protein A2;
Accession No.	Uniprot:P15927
Calculated MW	32kDa
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF: 1:50-1:200

Product Description

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.