

## POLR2A (Phospho-Ser2) Conjugated Antibody

Catalog No: #C14248



Package Size: #C14248-AF350 100ul #C14248-AF405 100ul #C14248-AF488 100ul  
 #C14248-AF555 100ul #C14248-AF594 100ul #C14248-AF647 100ul  
 #C14248-AF680 100ul #C14248-AF750 100ul #C14248-Biotin 100ul

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## Description

Product Name	POLR2A (Phospho-Ser2) Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Species Reactivity	Human Mouse Rat
Specificity	Phospho-POLR2A (S2) Antibody detects endogenous levels of total Phospho-POLR2A (S2)
Immunogen Description	A synthesized peptide derived from human POLR2A
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	POLR2A; POLR2; RNA polymerase II CTD repeat YSPTSPS;
Accession No.	Uniprot:P24928
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Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	270kDa
Storage	Store at 4°C in dark for 6 months

## Application Details

## Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

## Product Description

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During transcription elongation, Pol II moves on the template as the transcript elongates. Elongation is influenced by the phosphorylation status of the C-terminal domain (CTD) of Pol II largest subunit (RPB1), which serves as a platform for assembly of factors that regulate transcription initiation, elongation, termination and mRNA processing.

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Note: This product is for in vitro research use only