# Anti-Phospho RNA polll (Ser5) [CTD 8A7]

Catalogue number: 151243 Sub-type: Primary antibody Images:

## Contributor

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## **Tool details**

### **\*FOR RESEARCH USE ONLY**

Name: Anti-Phospho RNA pollI (Ser5) [CTD 8A7] Alternate name: Class: Monoclonal Conjugate: Unconjugated **Description:** RNAPII is an essential component of the RNAP II transcription elongation complex. Recruitment of RNA processing factors to the elongation complex is coordinated by the phosphorylation of Serine-2 and Serine-5 residues within the C-terminal repeat (YSPTSPS) domain of the largest subunit of RNAPII. **Purpose:** Parental cell: **Organism:** Tissue: Model: Gender: Isotype: IgM Reactivity: Human ; Saccharomyces cerevisiae Selectivity: Host: Mouse Immunogen: Peptide: 10 repeats of synthetic peptide YSPTSPS using chemically sythesized phospho-Ser5. Immunogen UNIPROT ID: Sequence: Growth properties: Production details: Formulation: **Recommended controls:** 

S. cerevisiae and HeLa cells **Bacterial resistance:** Selectable markers: Additional notes:

## **Target details**

Target: RNA Polymerase II (Phosphorylated)

### **Target alternate names:**

Target background: RNAPII is an essential component of the RNAP II transcription elongation complex. Recruitment of RNA processing factors to the elongation complex is coordinated by the phosphorylation of Serine-2 and Serine-5 residues within the C-terminal repeat (YSPTSPS) domain of the largest subunit of RNAPII.

### Molecular weight:

Ic50:

Application: IF ; ELISA ; FACS ; IF ; WB Application notes: Handling

Format: Liquid Concentration: 1 mg/ml Passage number: Growth medium: **Temperature:** Atmosphere: Volume: Storage medium: Storage buffer: PBS with 0.02% azide Storage conditions: -15° C to -25° C Shipping conditions: Shipping at 4° C

## Related tools

Related tools: Anti-RNA pollI [CTD 4H8]

## References

References: Waseem A et al. 1999. J. Invest. Dermatol. 112:362-9. PMID: 10084315

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