

## RNA POLYMERASE II SUBUNIT B1 RABBIT MAB

**Cat.#:** N263136

**Product Name:** Anti-RNA Polymerase II Subunit B1 Rabbit Monoclonal Antibody

**Synonyms:** POLR2A; POLR2; DNA-directed RNA polymerase II subunit RPB1; RNA polymerase II subunit B1; DNA-directed RNA polymerase II subunit A; DNA-directed RNA polymerase III largest subunit; RNA-directed RNA polymerase II subunit RPB1

**UNIPROT ID:** P24928

**Background:** 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.

**Immunogen:** A synthetic peptide of human RNA polymerase II CTD repeat YSPTSPS

**Applications:** WB,IHC-F,IHC-P,ICC/IF,IP

**Recommended Dilutions:** WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200 IP: 1/20

**Host Species:** Rabbit

**Clonality:** Rabbit Monoclonal

**Clone ID:** R06-8G7

**MW:** Calculated MW: 217 kDa; Observed MW: 250 kDa

**Isotype:** IgG

**Purification:** Affinity Purified

**Species Reactivity:** Human

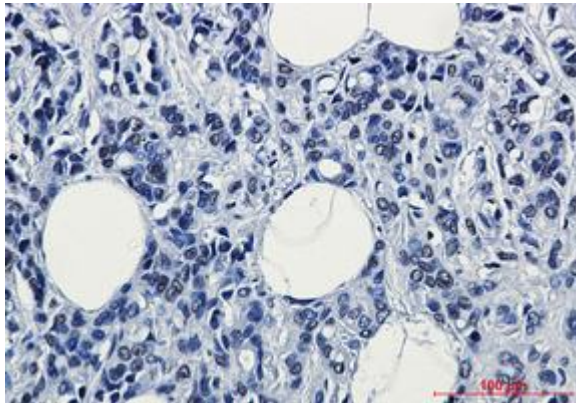
**Conjugation:** Unconjugated

**Modification:** Unmodified

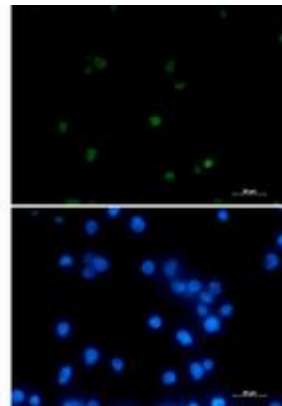
**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

**Research Areas:** Epigenetics and Nuclear Signaling

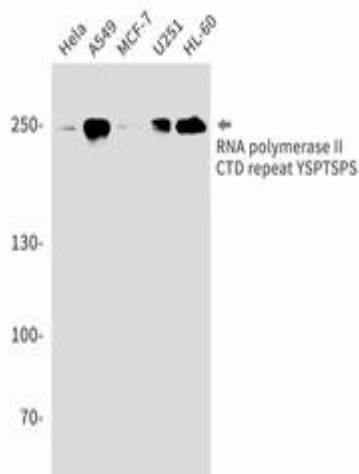
**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using RNA polymerase II CTD repeat YSPTSPS antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.



Immunocytochemistry analysis of RNA Polymerase II Subunit B1 (green) in CEM using RNA Polymerase II Subunit B1 antibody, and DAPI (blue).



Western blot analysis of RNA polymerase II CTD repeat YSPTSPS in HeLa, A549, MCF-7, U251, HL-60 lysates using RNA polymerase II CTD repeat YSPTSPS antibody.