

# Product Datasheet

## RNA Polymerase II/POLR2A [p Ser5] Antibody (CTD 4H8) - BSA Free NBP2-50274

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-50274**

RNA Polymerase II/POLR2A [p Ser5] Antibody (CTD 4H8) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CTD 4H8
Preservative	0.02% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS
Product Description	
Host	Mouse
Gene ID	5430
Gene Symbol	POLR2A
Species	Human, Yeast
Reactivity Notes	Saccharomyces cerevisiae
Specificity/Sensitivity	Please note that this antibody detects both unphosphorylated and phosphorylated forms of the protein.
Immunogen	Peptide: 10 repeats of synthetic peptide YSPTSPS using chemically synthesized phospho-Ser5
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), Chromatin Immunoprecipitation Sequencing, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500, Immunocytochemistry/Immunofluorescence, Immunoprecipitation 1:10 - 1:500, Chromatin Immunoprecipitation (ChIP) 1:10-1:500, CyTOF-ready, Chromatin Immunoprecipitation Sequencing
Application Notes	Positive control(s): HeLa cell line. This antibody is Cytof ready.

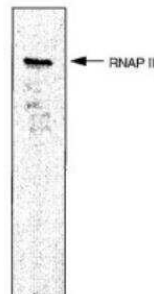


## Images

Western Blot: RNA Polymerase II/POLR2A Antibody (CTD 4H8) [NBP2-50274] - Monoclonal antibody 4H8. RNA polymerase II (RNAP II) contains 12 subunits. The C-terminal domain of the largest subunit of RNA polymerase II (RNAP II) contains a highly conserved heptapeptide repeat, YSPTSPS. Monoclonal antibody 4H8 was obtained using synthetic peptide and specifically recognises the C-terminal domain of RNAP II.

### Monoclonal antibody 4H8

specific for C-terminal repeat of large subunit of RNA polymerase II  
cross-reactive: human, yeast  
mouse IgG  
use for immunoblotting, immunoprecipitation, ELISA  
dilution for immunoblotting: 1:1,000





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### **Products Related to NBP2-50274**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00005430-Q01-10ug	Recombinant Human RNA Polymerase II/POLR2A GST (N-Term) Protein

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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