

Product Datasheet

RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free NBP2-80928

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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NBP2-80928

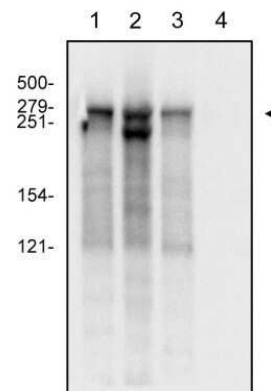
RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free

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	4H8
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	217 kDa
Product Description	
Description	Novus Biologicals Mouse RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free (NB200-598) is a monoclonal antibody validated for use in WB, ELISA, Flow, ICC/IF, IP and ChIP. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5430
Gene Symbol	POLR2A
Species	Human, Mouse, Yeast, Primate (Negative)
Reactivity Notes	Does not cross react with monkey.
Immunogen	10 repeats of synthetic peptide YSPTSPS using chemically synthesized phospho-Ser 5 YSPTSpPS (Human). [UniProt# P24928]
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Flow (Intracellular), Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), CyTOF-ready
Recommended Dilutions	Western Blot 1 - 2 ug/ml, Flow Cytometry 1 ug per million cells, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:100 - 1:1000, Immunoprecipitation 1:10 - 1:500, Flow (Intracellular), Chromatin Immunoprecipitation (ChIP) 1:10-1:500, CyTOF-ready
Application Notes	In WB a band can be seen at approximately 217 kDa. Optimal dilutions/concentrations should be determined by the end user. The observed molecular weight of the protein may vary from the listed predicted molecular weight due to post translational modifications, post translation cleavages, relative charges, and other experimental factors.

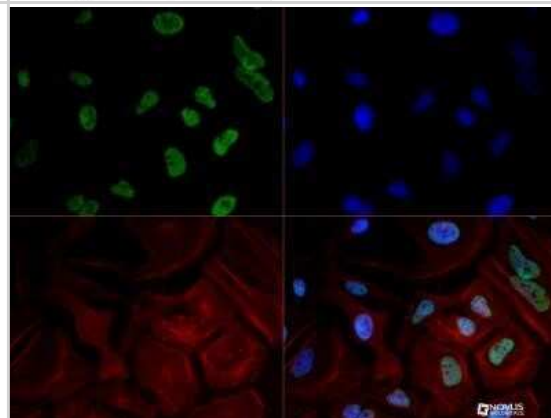


Images

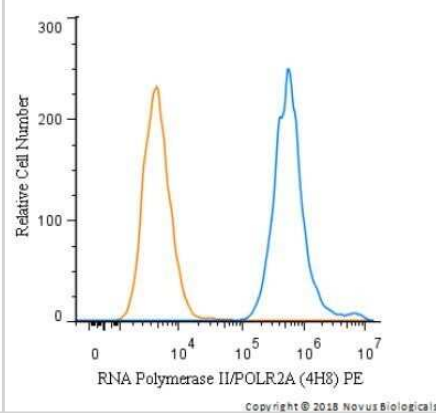
Western Blot: RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free [NBP2-80928] - Whole cell protein from HeLa (lane 1), MCF7 (lane 2), NIH-3T3 (lane 3) and Cos7 (lane 4) were separated by SDS-PAGE on a 6% gel, transferred to PVDF and probed with 2 ug/mL NB200-598. RNA Pol II reactivity (arrowhead) is observed in HeLa, MCF7 and 3T3 cells. Image from the standard format of this antibody.



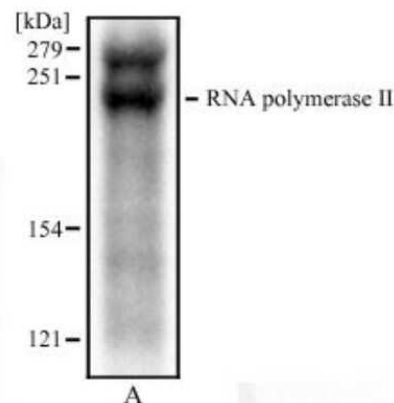
Immunocytochemistry/Immunofluorescence: RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free [NBP2-80928] - RNA Polymerase II/POLR2A antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). Image from the standard format of this antibody.



Flow Cytometry: RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free [NBP2-80928] - An intracellular stain was performed on HeLa cells with RNA Polymerase II/POLR2A (4H8) antibody NB200-598PE (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 2.5 ug/mL for 30 minutes. Both antibodies were directly conjugated to phycoerythrin.



Western Blot: RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free [NBP2-80928] - Analysis of MCF7 cell lysata (A) using RNA polymerase II antibody at 2 ug/mL. Image from the standard format of this antibody.





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Products Related to NBP2-80928

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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