

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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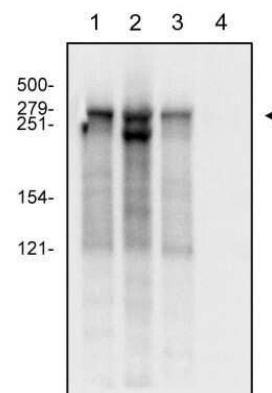


NBP2-80928**RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free**

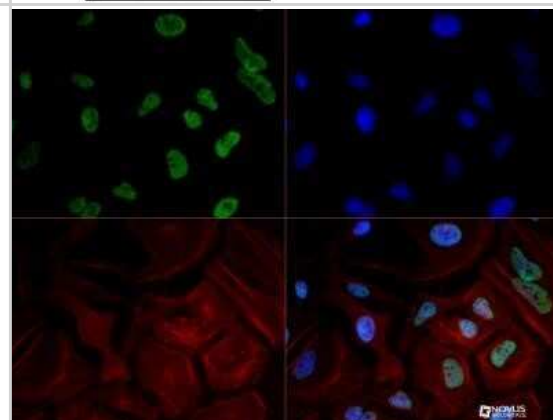
| Product Information | |
|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | |
| 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

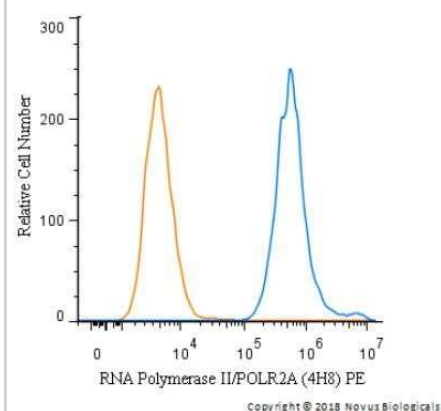
Western Blot: RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free [NBP2-80928] - Whole cell protein from HeLa (lane 1), MCF7 (lane 2), NIH-3T3 (lane 3) and Cos7 (lane 4) were separated by SDS-PAGE on a 6% gel, transferred to PVDF and probed with 2 ug/mL NB200-598. RNA Pol II reactivity (arrowhead)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



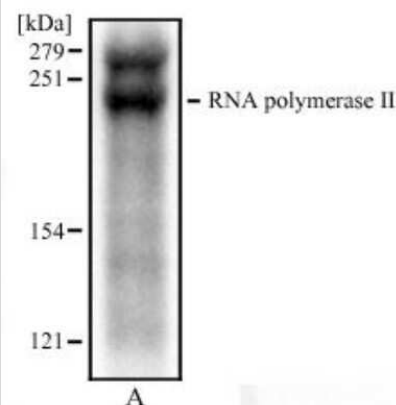
Immunocytochemistry/Immunofluorescence: RNA Polymerase II/POLR2A Antibody (4H8) - Azide and BSA Free [NBP2-80928] - RNA Polymerase II/POLR2A antibody was tested in HeLa cells with DyLight 488 (green). Nuclei and alpha-tubulin were counterstained with DAPI (blue) and DyLight 550 (red). Image from the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

| | |
|--------------------|-----------------------------------------------------------------|
| 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 |

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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