

Product Datasheet

RNA Polymerase II/POLR2A [p Ser5] Antibody (CTD 8A7) - BSA Free NBP2-50243

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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NBP2-50243

RNA Polymerase II/POLR2A [p Ser5] Antibody (CTD 8A7) - 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 8A7
Preservative	0.02% Sodium Azide
Isotype	IgM
Purity	Thiophilic Chromatography
Buffer	PBS

Product Description

Description	Novus Biologicals Mouse RNA Polymerase II/POLR2A [p Ser5] Antibody (CTD 8A7) - BSA Free (NBP2-50243) is a monoclonal antibody validated for use in WB, ELISA, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	5430
Gene Symbol	POLR2A
Species	Human, Yeast
Reactivity Notes	Saccharomyces cerevisiae
Immunogen	Peptide: 10 repeats of synthetic peptide YSPTSPS using chemically synthesized phospho-Ser5.

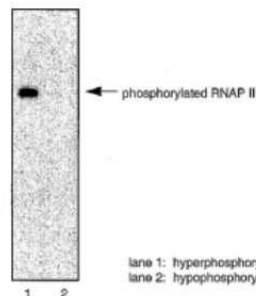
Product Application Details

Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, CyTOF-ready
Recommended Dilutions	Western Blot 1:100 - 1:2000, Flow Cytometry 1:10 - 1:1000, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:10 - 1:500, CyTOF-ready
Application Notes	This antibody is Cytof ready. Positive control(s): S. cerevisiae and HeLa cells.

Images

Western Blot: RNA Polymerase II/POLR2A Antibody (CTD 8A7) [NBP2-50243] - RNA polymerase II (RNAP II) contains 12 subunits. The C-terminal domain of the largest subunit of RNAP II is reversibly phosphorylated on the highly conserved heptapeptide repeat, YSPTSPS. The major physiological phosphorylation sites are Ser-2 and Ser-5. Monoclonal antibody 8A7 was obtained using synthetic phosphopeptides and specifically recognises the Ser-5 phosphorylated form of RNAP II.

Monoclonal antibody 8A7
specific for hyperphosphorylated large subunit of RNA polymerase II
cross-reactive: human, yeast
mouse IgG
use for immunoblotting, ELISA
dilution for immunoblotting: 1:1,000





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Products Related to NBP2-50243

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97007	Mouse IgM Isotype Control
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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