

# Product Datasheet

## RNA Polymerase II/POLR2A Antibody (8WG16) NB600-1296

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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**NB600-1296****RNA Polymerase II/POLR2A Antibody (8WG16)**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	8WG16
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS (pH 7.4)
<b>Product Description</b>	
<b>Host</b>	Mouse
<b>Gene ID</b>	5430
<b>Gene Symbol</b>	POLR2A
<b>Species</b>	Human, Mouse, Bovine, C. elegans, Eukaryote, Xenopus
<b>Reactivity Notes</b>	Cross-reacts with <i>S. cerevisiae</i> and <i>Xenopus laevis</i> . Expected to cross-react with a wide range of other species due to sequence identity. Please note that this antibody is reactive to Mouse and derived from the same host, Mouse. Additional Mouse on Mouse blocking steps may be required for IHC and ICC experiments. Please contact Technical Support for more information.
<b>Specificity/Sensitivity</b>	This reacts with the highly conserved heptapeptide repeat of the largest subunit of eukaryotic RNA polymerase II.
<b>Immunogen</b>	Purified wheat germ RNA polymerase II.
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot
<b>Recommended Dilutions</b>	Western Blot 1:100-1:2000
<b>Application Notes</b>	This antibody may be used to detect unproteolyzed RNA polymerase II or to inhibit specific transcription from class II promoters. This is a polyol-responsive antibody and can be used in gentle purifications of RNA polymerase II from wheat germ, calf thymus, and yeast and is likely to purify RNA polymerase II from most eukaryotic organisms. It inhibits promoter-directed transcription, but it does not inhibit elongation in the nonspecific transcription assay.



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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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