

Product Datasheet

RNA Polymerase II/POLR2A [p Ser5] Antibody (CTD 4H8) [CoraFluor™ 1] NBP2-50274CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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NBP2-50274CL1

RNA Polymerase II/POLR2A [p Ser5] Antibody (CTD 4H8) [CoraFluor™ 1]

| Product Information | |
|---------------------|---|
| Unit Size | 0.1 ml |
| Concentration | Please see the vial label for concentration. If unlisted please contact technical services. |
| Storage | Store at 4C in the dark. Do not freeze. |
| Clonality | Monoclonal |
| Clone | CTD 4H8 |
| Preservative | No Preservative |
| Isotype | IgG1 |
| Conjugate | CoraFluor 1 |
| Purity | Protein A purified |
| Buffer | PBS |

| Product Description | |
|-------------------------|---|
| Description | CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(IM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays. |
| 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 |
| Notes | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |

| 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, Flow Cytometry, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP), CyTOF-ready, Chromatin Immunoprecipitation Sequencing |
| Application Notes | Optimal dilution of this antibody should be experimentally determined. |





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Products Related to NBP2-50274CL1

| | |
|--------------------|---|
| H00005430-Q01-10ug | Recombinant Human RNA Polymerase II/POLR2A GST (N-Term) Protein |
| H00006908-Q01-10ug | Recombinant Human TATA binding protein TBP GST (N-Term) Protein |
| NBP1-87785PEP | RNA Polymerase II/POLR2A Recombinant Protein Antigen |
| NB600-501 | beta-Actin Antibody (AC-15) |

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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