

Anti-PC4/SUB1 Antibody Picoband® (monoclonal, 2D13E3) Cy3 Conjugated

Catalog Number: M02698-1-Cy3

About SUB1

Activated RNA polymerase II transcriptional coactivator p15, also known as positive cofactor 4 (PC4) or SUB1 homolog, is a protein that in humans is encoded by the SUB1 gene. This gene is mapped to 5p13.3. The transcriptional cofactor PC4 is an ancient single-strand DNA (ssDNA)-binding protein that has a homologue in bacteriophage T5 where it is likely the elusive replicative ssDNA-binding protein. The recombinant PC4 is shown to function identically to the native protein through its interaction with TAFs.

Overview

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|----------------------|--------------------------------------------------------------------------------------------------------------|
| Product Name | Anti-PC4/SUB1 Antibody Picoband® (monoclonal, 2D13E3) Cy3 Conjugated |
| Reactive Species | Human |
| Application | Flow Cytometry |
| Clonality | Monoclonal 2D13E3 |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Mouse |
| Uniprot ID | P53999 |

Technical Details

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|---------------------|-------------------------------------------------------------------------|
| Immunogen | E.coli-derived human PC4/SUB1 recombinant protein (Position: N62-L127). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Mouse IgG2b |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

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