

## Anti-SSRP1 Antibody Picoband® Cy3 Conjugated

Catalog Number: A02606-1-Cy3

### About SSRP1

FACT complex subunit SSRP1 also known as structure specific recognition protein 1 is a protein that in humans is encoded by the SSRP1 gene. The protein encoded by this gene is a subunit of a heterodimer that, along with SUPT16H, forms chromatin transcriptional elongation factor FACT. FACT interacts specifically with histones H2A/H2B to effect nucleosome disassembly and transcription elongation. FACT and cisplatin-damaged DNA may be crucial to the anticancer mechanism of cisplatin. This encoded protein contains a high mobility group box which most likely constitutes the structure recognition element for cisplatin-modified DNA. This protein also functions as a co-activator of the transcriptional activator p63. An alternatively spliced transcript variant of this gene has been described, but its full-length nature is not known.

### Overview

|                      |   |
|----------------------|---|
| Product Name         | Anti-SSRP1 Antibody Picoband® Cy3 Conjugated  |
| Reactive Species     | Human, Monkey, Mouse, Rat   |
| Application          | Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IF, IHC, ICC, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality            | Polyclonal  |
| Formulation          | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na <sub>2</sub> HPO <sub>4</sub> , 0.02% NaN <sub>3</sub> .  |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.  |
| Host                 | Rabbit  |
| Uniprot ID           | Q08945  |

### Technical Details

|                  |   |
|------------------|---|
| Immunogen        | E.coli-derived human SSRP1 recombinant protein (Position: A2-R381). |
| Cross Reactivity | No cross-reactivity with other proteins.                            |
| Isotype          | Rabbit IgG  |
| Form             | Liquid  |
| Concentration    | 0.5 mg/mL   |
| Purification     | Immunogen affinity purified.  |
| Conjugate        | Cy3<br>Excitation Wavelength: 554 nm<br>Emission Wavelength: 568 nm |

Suggested Dilutions

Optimal dilutions should be determined by end users.

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Anti-SSRP1 Antibody - Cy3

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