

## Anti-Transcription factor Sp4 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: PB9558-Fluoro594

### About SP4

SP4 (Sp4 transcription factor), also known as Transcription factor Sp4, MGC130008, MGC130009, SPR-1, HF1B, is a protein that in humans is encoded by the SP4 gene. It is a multigene family of SP proteins. Northern blot analysis that SP4 is abundantly expressed as a 7.5-kb message in brain, but barely detectable in other human cell lines. SP4 is an activator protein like SP1. However, in contrast to SP1, SP4 is not able to act synergistically through adjacent binding sites.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Transcription factor Sp4 Antibody Picoband® Fluoro594 Conjugated  |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Recommended applications are based on the parent unconjugated antibody (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% Na <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           | Q02446   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | A synthetic peptide corresponding to a sequence at the C-terminus of human SP4, different from the related mouse sequence by one amino acid. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro594<br>Excitation Wavelength: 593 nm<br>Emission Wavelength: 618 nm  |
| Suggested Dilutions | Optimal dilutions should be determined by end users.   |

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