

## Anti-Transcription factor Sp4 Antibody Picoband® Fluoro488 Conjugated

Catalog Number: PA1865-Fluoro488

### 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® Fluoro488 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Flow Cytometry
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> N.
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 N-terminus of human SP4, identical to the related rat sequence, and 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	Fluoro488 Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

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