

## Anti-STAT4 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PA1692-Fluoro550

### About STAT4

STAT4 is a human gene. The protein encoded by this gene is a member of the STAT protein family of transcription factors. STAT4 is mapped to chromosome 2q32.2-q32.3 by fluorescence in situ hybridization. STAT4 is phosphorylated in response to interleukin-12 and is essential for IL12 signal transduction. Transactivation, electrophoretic mobility shift, and RNA interference analyses showed that Ikaros bound to the STAT4 promoter and was involved in regulation of STAT4 in human T cells.

### Overview

Product Name	Anti-STAT4 Antibody Picoband® Fluoro550 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	Q14765

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the N-terminus of human STAT4, identical to the related rat and mouse sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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