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antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
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Anti-PU.1/Spi1 Antibody Fluoro550 Conjugated

Catalog Number: RP1097-Fluoro550

About SPI1

Transcription factor PU.1 is a protein that in humans is encoded by the SPI1 gene. This gene encodes an ETS-domain transcription factor that activates gene expression during myeloid and B-lymphoid cell development. The nuclear protein binds to a purine-rich sequence known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein can also regulate alternative splicing of target genes. Multiple transcript variants encoding different isoforms have been found for this gene.

Overview

Product Name	Anti-PU.1/Spi1 Antibody Fluoro550 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (IHC). Customers may select suitable applications according to their experimental needs.
Clonality	Polyclonal
Formulation	Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3.
Storage Instructions	At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P17947

Technical Details

Immunogen	E.coli-derived human PU.1/Spi1 recombinant protein (Position: E18-K196). Human PU.1/Spi1 shares 84% and 84.4% amino acid (aa) sequence identity with mouse and rat PU.1/Spi1, respectively.
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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