

Anti-PU.1/Spi1 Antibody Biotin Conjugated

Catalog Number: RP1097-Biotin

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

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| Product Name | Anti-PU.1/Spi1 Antibody Biotin Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. |
| Host | Rabbit |
| Uniprot ID | P17947 |

Technical Details

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| 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 | Biotin |
| Suggested Dilutions | The intended application should be selected according to the customer's experimental requirements. |

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