Anti-SPI1(Transcription factor PU.1) Polyclonal Antibody

Cat. #: 60B284

Description:
SPI1(Transcription factor PU.1) binds to the PU-box, a purine-rich DNA sequence(5'-GAGGAA-3') that can act as a lymphoid-specific enhancer. SPI1(Transcription factor PU.1) is a transcriptional activator that may be specifically involved in the differentiation or activation of macrophages or B-cells. SPI1 also binds RNA and may modulate pre-mRNA splicing. SPI1 binds DNA as a monomer and interacts with NONO. SPI1 also interacts with RUNX1 and SPIB. SPI1 is involved in murine acute Friend erythroleukemia. It is a target region for SFFV proviral insertion. SPI1 belongs to the ETS family and contains 1 ETS DNA-binding domain.

Immunogen/Specificity:
Polyclonal antibody produced in rabbits immunizing with a synthetic peptide corresponding to N-terminal residues of mouse transcription factor PU.1 (beta-globin DNA-binding protein B1)

References
Moreau-Gachelin,F., et al, Oncogene 4 (12), 1449-1456 (1989)
Klemsz,M.J., McKercher,S.R., et al, Cell 61 (1), 113-124 (1990)
Paul,R., et al, J. Virol. 65 (1), 464-467 (1991)
Galson,D.L., et al, Mol. Cell. Biol. 13 (5), 2929-2941 (1993)
Hallier,M., et al, J. Biol. Chem. 271 (19), 11177-11181 (1996)
Kodandapani,R., et al, Nature 380 (6573), 456-460 (1996)

Species: mouse
Storage and Stability: at -20oC

Storage buffer:
This antibody is stored in PBS, 0.01% sodium azide and 50% glycerol.

Preparation:
Purified by antigen-specific affinity chromatography.

Applications :
ELISA
Western Blotting (1µg/ml for 2hrs)

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