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anti-SPI1 antibody (C-Term)

3 Images



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Overview

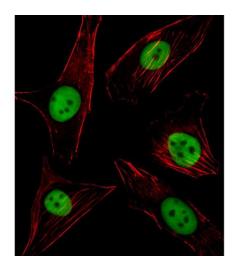
Quantity:	400 μL
Target:	SPI1
Binding Specificity:	AA 217-246, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SPI1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (IF)
Product Details	
Immunogen:	This SPI1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 217-246 amino acids from the C-terminal region of human SPI1.
Isotype:	lg Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.
Target Details	
Target:	SPI1
Alternative Name:	SPI1 (SPI1 Products)
Background:	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

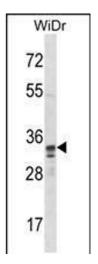
Target Details

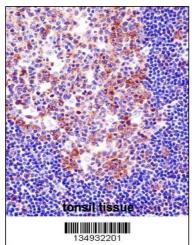
rarget Details	
	known as the PU-box found near the promoters of target genes, and regulates their expression in coordination with other transcription factors and cofactors. The protein can also regulate alternative splicing of target genes. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq].
Molecular Weight:	31 kDa
Gene ID:	6688
UniProt:	P17947
Pathways:	Stem Cell Maintenance
Application Details	
Application Notes:	For IF starting dilution is: 1:10~50
	For WB starting dilution is: 1:1000
	For IHC-P starting dilution is: 1:10~50
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	0.45 mg/mL
Buffer:	Supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care

prolonged high temperatures.

should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to







Immunofluorescence

Image 1. Fluorescent image of NIH/3T3 cell stained with SPI1 Antibody .NIH/3T3 cells were fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.1%, 10 min), then incubated with SPI1 primary antibody (1:25). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:400).Cytoplasmic actin was counterstained with Alexa Fluor 555 (red) conjugated Phalloidin (7units/ml). SPI1 immunoreactivity is localized to Nucleus significantly.

Western Blotting

Image 2. Western blot analysis in WiDr cell line lysates (35ug/lane).

Immunohistochemistry

Image 3. SPI1 Antibody immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining.