# antibodies - online.com







## anti-SPI1 antibody (Internal Region)

**Images** 



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Quantity:	100 μg	
Target:	SPI1	
Binding Specificity:	Internal Region	
Reactivity:	Human	
Host:	Goat	
Clonality:	Polyclonal	
Conjugate:	This SPI1 antibody is un-conjugated	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)	

#### **Product Details**

Purpose:	PU.1	
Immunogen:	Peptide with sequence C-DLYQRQTHEYY, from the internal region of the protein sequence	
	according to NP_001074016.1, NP_003111.2.	
Sequence:	DLYQRQTHEY Y	
Isotype:	IgG	
Specificity:	This antibody is expected to recognise both reported isoforms (NP_001074016.1,	
	NP_003111.2).	
Cross-Reactivity:	Human, Rat	
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity	
	chromatography using the immunizing peptide.	

### **Product Details** Grade: Verified **Target Details** SPI1 Target: SPI1 (SPI1 Products) Alternative Name Background: PU.1, SPI1, spleen focus forming virus (SFFV) proviral integration oncogene spi1, hCG\_25181, SFPI1, SPI-1, SPI-A, 31 kDa transforming protein, SPI-1 proto-oncogene, hematopoietic transcription factor PU.1 Gene ID: 6688, 366126 NCBI Accession: NP\_001074016, NP\_003111 Stem Cell Maintenance Pathways: **Application Details** Application Notes: Immunohistochemistry: Paraffin embedded Human Spleen and Colon (lymphoid aggregate). Recommended concentration: 3.75 µg/mL. Western Blot: Approx 40 kDa band observed in lysates of DAUDI and K562 (calculated MW of 31.2 kDa according to NP\_001074016.1 and of 31.1 kDa according to NP\_003111.2). The observed molecular weight corresponds to earlier findings in literature with differe Peptide ELISA: antibody detection limit dilution 1:32000. Restrictions: For Research Use only Handling Format: Liquid Concentration: 0.5 mg/mL Buffer: Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin. Preservative: Sodium azide Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

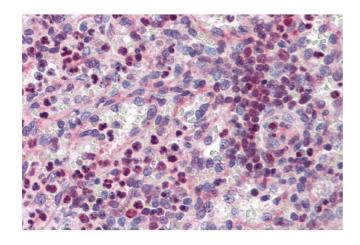
Minimize freezing and thawing.

Handling Advice:

#### Handling

Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

#### **Images**



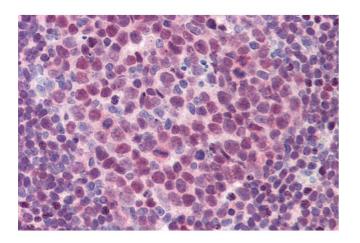
#### **Immunohistochemistry**

**Image 1.** ABIN334471 (3.75µg/ml) staining of paraffin embedded Human Spleen. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.

# 250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

#### **Western Blotting**

**Image 2.** ABIN334471 (0.03μg/ml) staining of DAUDI lysate (35μg protein in RIPA buffer). Detected by chemiluminescence.



#### **Immunohistochemistry**

**Image 3.** ABIN334471 (3.75µg/ml) staining of paraffin embedded Human Colon. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.